

Phase I Environmental Site Assessment St. Clair County, Illinois

National Geospatial-Intelligence Agency



AND

U.S. Army Corps of Engineers



June 2015

CH2MHILL®

6600 Peachtree Dunwoody Road 400 Embassy Row Suite 600 Atlanta, GA 30328

Executive Summary

Background

The subject property in St. Clair County, Illinois (hereafter "the Property"), consists of a 178-acre site adjacent to Scott Air Force Base (AFB). CH2M HILL was contracted by the U.S. Army Corps of Engineers (USACE) Kansas City District (KCD) to prepare a Phase I Environmental Site Assessment (ESA) of this Property. The Property is one of four proposed sites identified through an initial site location study for a new NGA campus in the St. Louis metropolitan area. The current NGA facility on South 2nd Street in St. Louis is functionally obsolete and requires modernization to support its mission. Therefore, relocation to a new facility is proposed.

Summary of Work Performed

The ESA of the Property consisted of a walking and driving reconnaissance, records review, review of historical maps and photographs, and interviews. The ESA was conducted in conformance with Title 40 of the Code of Federal Regulations (CFR) Part 312.10 (40 CFR 312.10) and ASTM International Standard Practice E1527-13 (ASTM E1527-13 or the Practice).

Exceptions and limitations to ASTM E1527-13 included the following:

- Interviews with the previous owners and adjacent property owners were not performed.
- Aerial photographs at 5-year intervals were reviewed for the following years: 2012, 2010, 2009, 2007, 2006, 2005, 2004, 2003, 1998, 1994, 1990, 1971, and 1954.
- City directory information was reviewed for the following years: 2013, 2008, 2003, 1999, 1995, 1990, 1985, 1980, 1975, and 1970. Business directories and city directories, including city, cross-reference, and telephone directories, were reviewed, if available, for approximately 5-year intervals.
 Based on the city directory abstracts from Environmental Data Resources, Inc. (EDR), there were no previous uses of the Property or adjacent properties that would be suspected of degrading the environmental quality.
- Fire insurance maps (Sanborn Maps) were not available for review because a search of The Sanborn Library, LLC indicated the Property is unmapped.
- Not all ground surfaces of the Property could be observed for visual evidence of releases because the
 Property was covered by snow at the time of the site reconnaissance.

ES-1

The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental conditions (RECs), which are defined as follows:

• The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

The Property is located on Wherry Road in northeast St. Clair County, Illinois. It can be accessed from Wherry Road along the northern Property boundary.

Summary of Results

The ESA results are summarized as follows:

• The ESA did not finding evidence of any RECs, controlled RECs, or historical RECs on the Property.

The ESA found evidence of the following *de minimis* condition on the Property:

A previous Phase I ESA reported oil-stained soil on Parcel 59 and recommended additional
evaluation. The staining was later determined to be *de minimis*. However, according to the
MidAmerica St. Louis Airport records, the stained soil was later removed (MidAmerica, 2015a).

Findings that did not result in a *de minimis* condition, controlled REC, historical REC, or REC, but could potentially be an environmental concern, include the following:

- Records indicate that asbestos-containing material (ACM) was found in buildings that were previously located on the Property. According to MidAmerica St. Louis Airport records, ACM was removed prior to demolition of buildings on Parcels 55, 56, 57, 58, 59, and 61 (MidAmerica, 2015a; MidAmerica, 2015b). A small abandoned shed containing ACM is located on Parcel 18. MidAmerica St. Louis Airport is in the process of removing the ACM and demolishing the building. The demolition is scheduled for completion in June 2015 (Trapp, 2015).
- Records showed that six septic systems were on the Property. According to MidAmerica St. Louis
 Airport records, all six septic tanks were removed and properly closed (MidAmerica, 2015a;
 MidAmerica, 2015b).
- Records showed that nine domestic water supply wells were on the Property. Only one well was
 identified during the visual site inspection. According to MidAmerica St. Louis Airport records, all
 nine wells were properly abandoned (MidAmerica, 2015a; MidAmerica 2015b).
- Former buildings on the Property constructed before 1978 may have had lead-based paint (LBP). No LBP surveys were available for review. If LBP existed, it is unknown whether it was abated prior to demolition or if precautions were taken to ensure there were no releases of LBP to the environment.

ES-2 ES093014083520ATL

- The former Cardinal Creek Housing Area on Scott AFB borders the Property to the south.

 Constructed in 1952, the former housing area was treated for termites between 1960 and 1980 using chlordane. As a result, soil at the site was contaminated with pesticides. In 1999, the complex was vacated and subsequently demolished. In 2013, the southern portion of the site was remediated for construction of the Defense Information Management Agency. Soil sampling was conducted and nine waste management areas were identified where contaminated soil would be excavated (375th Engineer Squadron, 2013). None of the nine waste management areas is located on or adjacent to the Property, and contamination is limited to the soil. Therefore, the site is not likely to affect the environmental condition of the Property.
- The former gas station on Parcel 99 is located approximately 700 feet east of the southeastern corner of the Property. The property functioned as a gas station between 1952 and the early 1980s before it was vacated. In 1997, St. Clair County acquired the property and demolished the building. A Phase I ESA was conducted at the site in 1997 and identified one existing underground storage tank (UST) and several removed USTs. A Phase II ESA confirmed the presence of one UST and indicated the likely presence of three other USTs that were abandoned in the 1970s. An interview revealed that several other USTs had been installed and removed, but left on the property until 1989. Soil contamination was confirmed during the Phase II ESA but no evidence of groundwater contamination was detected. The five out-of-service USTs and 684.9 cubic yards of contaminated soil were removed in 1997. There are no records indicating that further remediation was conducted after 1997. Personnel from MidAmerica St. Louis Airport indicated in 2013 that all necessary physical remedial actions had been completed but the site remained open due to properly filing the paperwork. MidAmerica St. Louis Airport provided a No Further Remediation (NFR) letter from the Illinois Environmental Protection Agency (IEPA) dated April 2015 for closure with no restrictions or engineering controls for the leaking UST (LUST) case on Parcel 99 (IEPA, 2015).

ES-93014083520ATL ES-3

Contents

Secti	Section				
Exec	utive Su	ımmary		ES-1	
Acro	nyms aı	nd Abbre	viations	vii	
1.0	Intro	duction		1-1	
_,,	1.1		e		
	1.2	•	d Scope of Service		
	1.3		cant Assumptions		
	1.4	•	tions and Exceptions.		
		1.4.1	Limitations		
		1.4.2	Exceptions		
		1.4.3	Data Gaps		
	1.5	Special	Terms and Conditions		
	1.6		eliance		
2.0	Site I	Descriptio	on	2-1	
	2.1		on and Legal Description		
	2.2	Propert	ty and Vicinity General Characteristics	2-1	
	2.3	Curren	t Use of the Property	2-1	
	2.4	Descrip	otions of Structures, Roads, Other Improvements on the Property	2-1	
	2.5	Curren	t Uses of Adjoining Properties	2-1	
3.0	User	-Provided	Information	3-1	
	3.1		ecords		
	3.2		nmental Liens or Activity and Use Limitations		
	3.3		lized Knowledge		
	3.4		only Known or Reasonably Ascertainable Information		
	3.5		ion Reduction for Environmental Issues		
	3.6		, Property Manager, and Occupant Information		
	3.7 3.8		for Performing Phase I Environmental Site Assessment		
4.0			·W		
	4.1		rd Environmental Record Sources		
		4.1.1	Federal Databases		
		4.1.2	National Priorities List		
		4.1.3	Delisted National Priorities List Sites	4-2	
		4.1.4	Comprehensive Environmental Response, Compensation, and Liability Act	4.0	
		4 1 7	Information System.		
		4.1.5	CERCLIS No Further Remedial Action Planned Sites		
		4.1.6	Corrective Action Tracking System.	4-3	
		4.1.7	Resource Conservation and Recovery Act Information System Treatment, Storage, and Disposal List	4-3	
		4.1.8	Resource Conservation and Recovery Act Information System Generators		
		4.1.9	Federal Institutional Control and Engineering Control Registries		
		4.1.10	Emergency Response Notification System and Spills Information		
		4.1.11			
		4.1.12	Illinois and Tribal CERCLIS-Equivalent Hazardous Waste Sites	4-4	
		4.1.13	Illinois and Tribal Solid Waste Facilities List	4-4	
		4 1 14	Illinois and Tribal Leaking Underground Storage Tanks List	4-4	

Section	on		Page
		4.1.15 Illinois and Tribal Registered Storage Tanks Facility List	4-4
		4.1.16 Illinois and Tribal Institutional Land Use Control Registries	4-4
		4.1.17 Illinois and Tribal Voluntary Cleanup Program Sites	
		4.1.18 Illinois and Tribal Brownfield Sites	
	4.2	Additional Environmental Record Sources	4-5
		4.2.1 Topography	4-5
		4.2.2 Hydrogeology	
		4.2.3 Surface Waters	4-6
		4.2.4 Soils	
	4.3	Historical Use Information on the Property	
		4.3.1 Topographic Maps	
		4.3.2 Historical Maps	
		4.3.3 Aerial Photographs	
		4.3.4 City Directories	
		4.3.5 Previous Reports	
	4.4	Historical Use Information on Adjoining Properties	
	4.5	Non-Scope Considerations	
		4.5.1 Asbestos-Containing Building Materials	
		4.5.2 Radon	
		4.5.3 Lead-Based Paint	
		4.5.4 Lead in Drinking Water	
		4.5.5 Polychlorinated Biphenyls	
		4.5.6 Regulatory Compliance	
		4.5.7 Industrial Hygiene	
		4.5.8 Health and Safety	
		4.5.9 Indoor Air Quality	
		4.5.10 Pesticides and Herbicides	
		4.5.11 Mold	
5.0	Sita I	Reconnaissance	5_1
3.0	5.1	Methodology and Limiting Conditions	
	5.2	General Site Setting	
	3.2	5.2.1 Adjoining Property Use	
	5.3	Exterior Observations	
	5.3 5.4	Interior Observations	
	3.4	Interior Observations	
6.0		views	
	6.1	Interviews with Owners	
	6.2	Interview with Property Representatives	
		6.2.1 Local Property Contact – Trapp, Dan	
		6.2.2 Helpful Documents	
	6.3	Interviews with Occupants	
	6.4	Interviews with Local Government Officials	
		6.4.1 O'Fallon District Fire Department	
		6.4.2 Lebanon-Emerald Emerald Mound Volunteer Fire Department	
		6.4.3 St. Clair County Health Department	6-2
7.0	Findi	ings	7-1
8.0	Opin	ion	8-1
	8.1	Recognized Environmental Conditions	
	8.2	Controlled Recognized Environmental Conditions	
	8.3	Historical Recognized Environmental Conditions	

Section	on		Page
	8.4	De Minimis Conditions	8-2
	8.5	Findings Not Resulting in any above Condition	8-2
9.0	Conc	clusions	9-1
10.0	Devia	ations	10-1
11.0	Addi	tional Services	11-1
12.0	Refe	rences	12-1
13.0	Signa	ature of Environmental Professional	13-1
14.0	Qual	ifications of Environmental Professionals	14-1
Appe	endices		
A	User	Questionnaire	
В		n of Title	
C		latory Records Documentation	
D		orical Research Documentation	
E		Photographs	
F	Quali	ifications of Environmental Professional(s)	
Table	es		
1-1		Gaps	
4-1		Review	
4-2		an Sites	
4-3		Γ Sites	
4-4		orical Topographic Map Findings	
4-5	Aeria	ıl Photograph Findings	4-8
Figur	res		
2-1	Proje	ct Overview Map	2-3
2-2	3	ect Property	
2-3	Property Features 2		

Acronyms and Abbreviations

AAI All Appropriate Inquiries

ACM asbestos-containing material

AFB Air Force Base

AFCEC Air Force Civil Engineering Center

AMSD approximate minimum search distance

amsl above mean sea level

AOC Area of Concern

AST aboveground storage tank

ASTM ASTM International

AUL activity and use limitation

Base Scott Air Force Base

bgs below ground surface

BX Base Exchange

CER computerized environmental report

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information

System

CFR Code of Federal Regulations

CORRACTS Corrective Action Tracking System

CREC controlled recognized environmental condition

EA environmental assessment

EDR Environmental Data Resources, Inc.

ERNS Emergency Response Notification System

ESA Environmental Site Assessment

I-64 Interstate 64

IEPA Illinois Environmental Protection Agency

ES093014083520ATL VI

ILANG Illinois Air National Guard

Illinois 158 Illinois Route 158

KCD Kansas City District

kg kilograms

LBP lead-based paint

LUST leaking underground storage tank

NESHAP National Emission Standards for Hazardous Air Pollutants

NFA No Further Action

NFR No Further Remediation

NFRAP No Further Remedial Action Planned

NGA National Geospatial-Intelligence Agency

NPL National Priorities List

O&M operation and maintenance

PAH polynuclear aromatic hydrocarbon

PCB polychlorinated biphenyl

pCi/L picoCuries per liter

Practice ASTM E1527-13: Standard Practice for Environmental Site Assessments: Phase l

Environmental Site Assessment Process

Property Subject Property in St. Clair County, Illinois

RCRA Resource Conservation and Recovery Act

RCRIS Resource Conservation and Recovery Act Information System

REC recognized environmental conditions

ROE right-of-entry

SPILLS Spills Information

SWF solid waste facilities

TSD treatment, storage, and disposal

USACE U.S. Army Corps of Engineers

USEPA U.S. Environmental Protection Agency

VIII ES093014083520ATL

USGS U.S. Geological Survey

UST underground storage tank

VI visual inspection

Introduction

1.1 Purpose

CH2M HILL conducted a Phase I Environmental Site Assessment (ESA) of a 178-acre property in St. Clair County, Illinois (the "Property") for the National Geospatial-Intelligence Agency (NGA). The purpose of the ESA was to identify recognized environmental conditions (RECs) affecting the Property, using the methodology recommended by ASTM International. The ESA is intended to satisfy the requirements for the Landowner Liability Protections (innocent landowner defense, contiguous property owner liability protection, and bona fide prospective purchaser liability protection) provided by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) All Appropriate Inquiries (AAI) Rule (Title 40 of the Code of Federal Regulations [CFR] Part 312 [40 CFR 312]), and assess potential environmental conditions that could materially impact the purchase price and the intended operations on the Property. This ESA conforms with ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase l Environmental Site Assessment Process* (ASTM E1527-13 or the Practice).

RECs are defined by ASTM E1527-13 as "...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with applicable laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

1.2 Detailed Scope of Service

CH2M HILL's scope of services, performed in accordance with the Practice, consisted of the following primary components:

- Walking and Driving Reconnaissance. CH2M HILL performed a Property survey on November 17, 2014, to check for visible evidence of hazardous materials handling, storage, or disposal, and other potential contaminants or practices that might have affected the Property. No samples were collected or analyzed as part of the scope of services. Details of the findings are discussed in Section 5.0.
- **Records Review**. Properties within the designated ASTM radii were evaluated for potential environmental impacts to the Property. This evaluation was limited to the following:
 - Evidence readily observable from publicly accessed roadways (CH2M HILL personnel did not physically enter neighboring properties); and

- Data that were reasonably ascertainable from federal, state, and local regulatory agency files using EDR databases as the source of information (see Section 4.0).
- **Review of Historical Maps and Photographs**. A list of historical maps, records, reports, and photographs is presented in Section 4.0. These items were reviewed to help identify current and historically documented environmental conditions that may have impacted the Property.
- **Interviews**. The current Property owners were interviewed. The local fire and health departments were contacted for additional information pertaining to the Property and adjacent properties.

CH2M HILL conducted the Phase I ESA in a manner consistent with accepted ESA practices and believes that the information contained in this report is true and correct, within the limitations and exceptions described in Section 1.4. All findings, opinions, and conclusions stated in this report are derived from facts and circumstances as they existed during the Property reconnaissance on November 17, 2014; however, they are not necessarily indicative of future conditions or operating practices at the Property.

1.3 Significant Assumptions

Significant assumptions made as part of identifying RECs based on the records review, property reconnaissance, and interviews are discussed in this report. In accordance with the ASTM E1527-1, information collected from these and other sources was assumed to be correct and has not been independently verified by CH2M HILL.

1.4 Limitations and Exceptions

1.4.1 Limitations

The ground surfaces of the Property were visually inspected during the site reconnaissance. However, the Property was snow-covered during the site reconnaissance and the ground surface was not completely visible. No test pits were installed to inspect subsurface soil conditions, and no sampling or analysis of any media was conducted during this survey.

This report has been prepared in compliance with ASTM E1527-13. In preparing this report, CH2M HILL has relied on certain information provided by federal, state, and local officials and other parties referenced herein, and on information contained in the files of government agencies, that were reasonably ascertainable at the time of this assessment. Although there may have been some degree of overlap in the information provided by these various sources, no attempt was made to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment. Observations of the Property and surrounding properties were made as indicated in this report.

1.4.2 Exceptions

There are no exceptions.

1-2 ES093014083520ATL

1.4.3 Data Gaps

According to § 3.2.20 of ASTM E1527-05, a data gap is a lack of or inability to obtain information required by the ASTM Practice despite good-faith efforts to gather the data. Data gaps may result from incompleteness in any of the activities required by the ASTM Practice. A data gap is considered significant only if it affects the ability to identify RECs. The following data gaps presented in **Table 1-1** were identified:

TABLE 1-1 **Data Gaps**Phase I Environmental Site Assessment

Data Gap	Explanation	Significance of Gap
Site History	Site history not available in 5-year intervals.	Low - Standard historical sources of information, such as aerial photographs, historic topographic maps, city directory abstracts, Sanborn Fire Insurance Maps, and interviews with knowledgeable individuals who were familiar with the property, all indicated that site use was consistent (undeveloped agricultural land) dating back to the 1940s. Review of additional years of historical records sources would not likely provide additional information.
Ground Visibility	Snow covered the ground surface, limiting visibility to observe visual evidence of historical releases.	Medium – Historical site use as agricultural land dating back to the 1940s is not likely to yield significant areas with visible staining to indicate historical releases.

1.5 Special Terms and Conditions

There are no special terms and conditions for the Property.

1.6 User Reliance

This report was prepared for the exclusive use of NGA for specific application to the Property. No warranty, expressed or implied, is made. There are no beneficiaries of this report other than NGA, and no other person or entity is to rely on this report without written consent of CH2M HILL and a written agreement limiting CH2M HILL's liability.

Site Description

2.1 Location and Legal Description

The Property comprises approximately 178 acres in St. Clair County, Illinois, bounded by Wherry Road to the north and east, and Scott Air Force Base (AFB) to the south. The nearest major highway is Interstate 64 (I-64) approximately 0.3 mile north of the Property. **Figure 2-1** presents an overview map showing the Property location. The Property is currently used primarily for agricultural purposes. Two perennial streams were identified on the Property, one flowing north to south through the western portion of the Property, and the other flowing east to west along the southern Property boundary. A legal description for the Property was unavailable.

The Property is located on the following parcels (**Figure 2-2**): 09-02.0-300-011, 09-02.0-300-010, 09-03.0-401-007, 09-03.0-401-001, 09-03.0-400-005, 09-03.0-401-005, 09-03.0-400-006, 09-03.0-401-008, 09-03.0-400-007, 09-03.0-401-006, and 09-03.0-401-004.

2.2 Property and Vicinity General Characteristics

The Property is located on Wherry Road in northeast St. Clair County, Illinois. Situated within the Central Plains region of Illinois, St. Clair County consists of predominantly agricultural and residential land use areas, and had an estimated population of 266,955 in 2013. The area surrounding the Property consists of rural residential, agriculture, and undeveloped lands (**Figure 2-3**).

2.3 Current Use of the Property

The Property is currently used for agriculture. A small abandoned shed is located on Parcel 18. No other structures are present on the Property.

2.4 Descriptions of Structures, Roads, Other Improvements on the Property

Drainage ditches occur on the Property along Wherry Road. An additional drainage swale was also observed in the center of the Property, and a human-made farm pond was noted in the Property's northwestern corner. A well was also observed near the northern Property boundary. A driving range associated with the adjacent Scott AFB Cardinal Creek Golf Course is present along the southern Property boundary near the southwestern corner. Both the driving range and southwestern area are fenced and within the Scott AFB boundary.

2.5 Current Uses of Adjoining Properties

Agricultural fields border the Property to the north, east, and west. Scott AFB and its Cardinal Creek Golf Course border the Property to the south.

This page intentionally left blank.

2-2 ES093014083520ATL

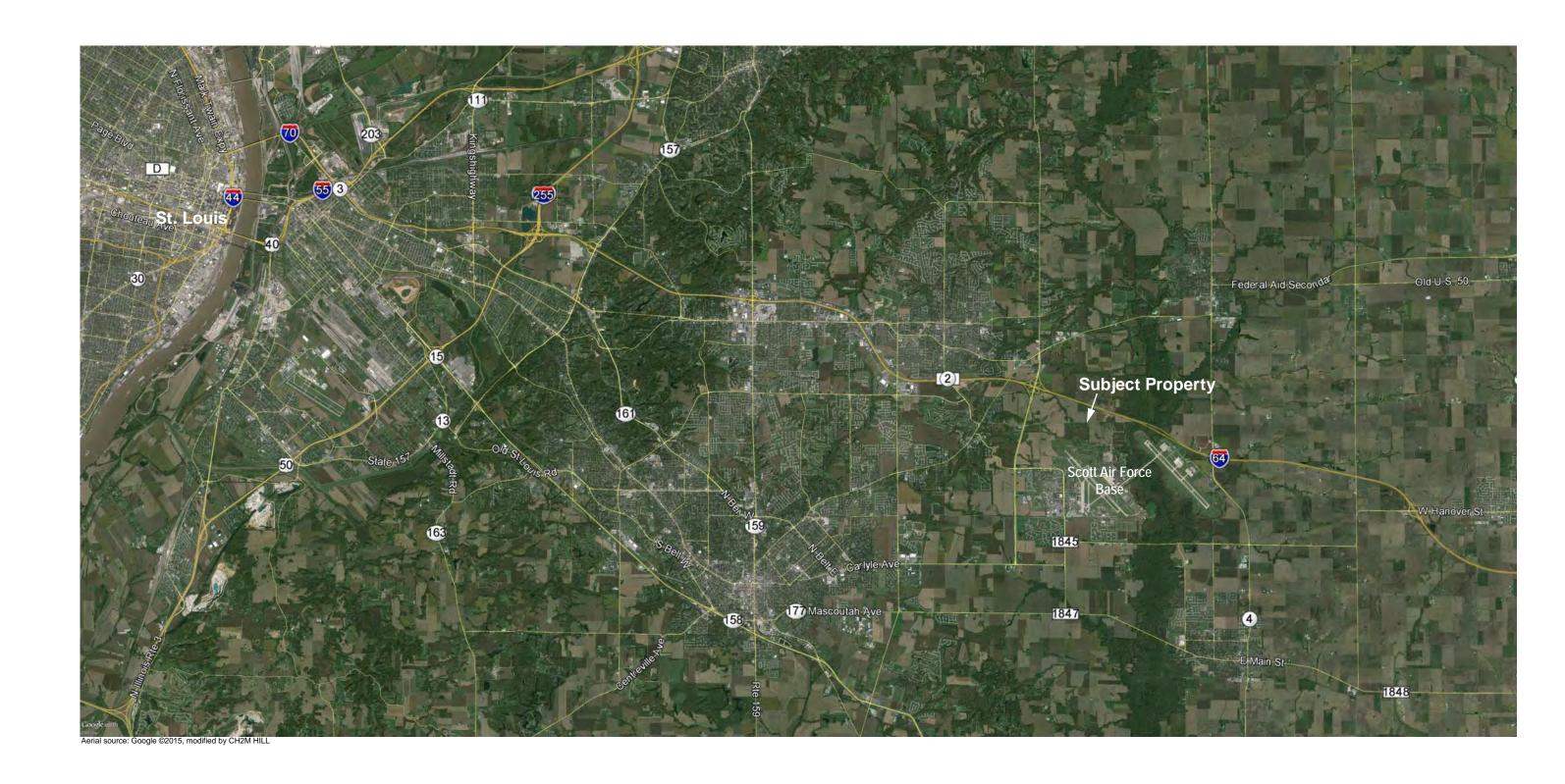


FIGURE 2-1 Project Overview Map NGA Phase I Environmental Site Assessment St. Clair County, Illinois

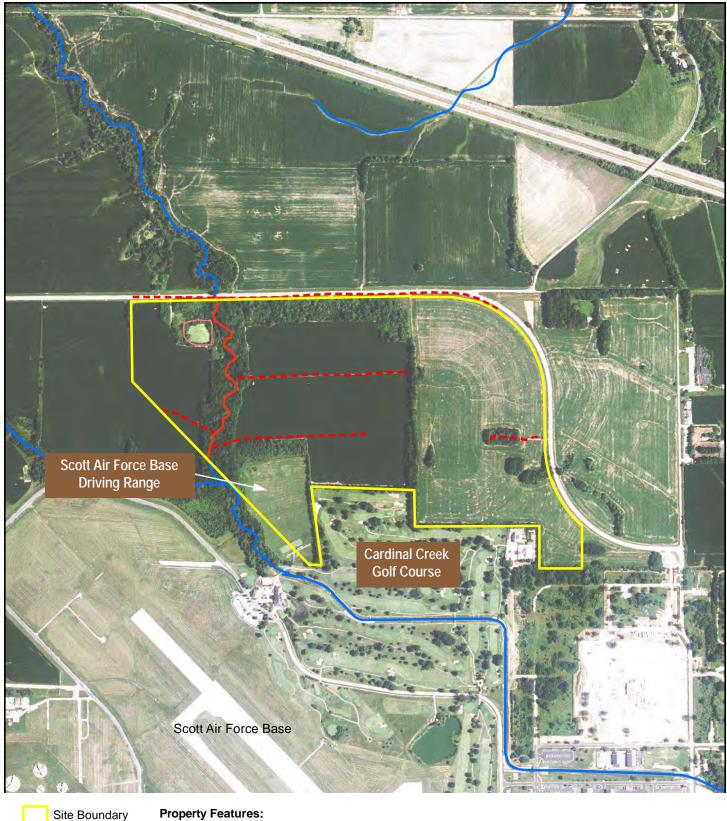


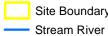
Note: Parcel information provided by Saint Clair County GIS.

FIGURE 2-2 Subject Property NGA Phase I Environmental Site Assessment St. Clair County, Illinois

BLV_Airport_Property

Air Accident Zone Area





Perennial Stream

-- Stormwater Drainage

Pond

Image Source: National Agriculture Imagery Program (NAIP) 2014

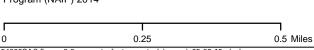


FIGURE 2-3 Property Features NGA Phase I Environmental Site Assessment St. Clair County, Illinois

CH2MHILL.

User-Provided Information

A User Questionnaire was completed by the U.S. Army Corps of Engineers (USACE) Kansas City District (KCD) real estate team, which is included in **Appendix A** and discussed in the following subsections.

3.1 Title Records

In accordance with the contract scope of work, CH2M HILL obtained a chain-of-title from EDR for one parcel of Property, as presented in **Appendix B**.

3.2 Environmental Liens or Activity and Use Limitations

In accordance with the contract scope of work, EDR searched for reasonably ascertainable environmental liens and activity and use limitations (AULs) for the Property. No environmental liens or AULs, however, were found.

The User provided the following response to Questions 1 and 2 of the User Questionnaire:

(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25). Are you aware of any environmental cleanup liens against the Property that are filed or recorded under federal, tribal, state, or local law?

The real estate team stated, "None known. A condensed Environmental Assessment (EA) that includes approximately half of the site was completed in November 2013 for the nearby Interstate 64 interchange. The original [Environmental Impact Statement] EIS for the airport is also available."

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Are you aware of any AULs, such as engineering controls, land use restrictions, or institutional controls, that are in place at the Property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

The real estate team stated, "It is zoned as an Airport Overlay Zone allowing agricultural and government uses and buildings. FAA approved land use for concurrent non-aeronautical development. Building height limit would be 134.2 feet assuming a site elevation of 483 feet since the FAR Part 77 surface restricts object height to 616.7 feet AMSL on the property."

3.3 Specialized Knowledge

The User provided the following response to Questions 3 and 6 of the User Questionnaire:

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). As the user of this ESA, do you have any specialized knowledge or experience related to the Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of

the Property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

The real estate team stated, "Site use is all agricultural. Previous site uses included residential and agricultural. All parcels are owned by St. Clair County. Site is adjacent to Scott Air Force Base which is an active air force base."

(6.) The degree of obviousness of the presence of likely presence of contamination at the Property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the user of this ESA, based on your knowledge and experience related to the Property, are there any obvious indicators that point to the presence or likely presence of contamination at the Property?

The real estate team stated, "None known."

3.4 Commonly Known or Reasonably Ascertainable Information

The User provided the following responses to Question 5 of the User Questionnaire:

(5.) Commonly known or reasonably ascertainable information about the Property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of releases or threatened releases?

An EA has been made.

(a.) Do you know the past uses of the Property?

The real estate team stated, "Yes, residential and agricultural."

(b.) Do you know of specific chemicals that are present or once were present at the Property?

The real estate team stated, "Per the 2013 EA referenced previously, *de minimis* conditions identified within the site limits were: likely pesticides, likely herbicides, potentially asbestos containing material (ACM), and potentially lead paint."

(c.) Do you know of spills or other chemical releases that have taken place at the Property?

The real estate team stated, "None known."

(d.) Do you know of any environmental cleanups that have taken place at the Property?

The real estate team stated, "None known. Underground storage tanks were removed from a location on parcel 09-02.0-300-011, but outside of the proposed site limits. The tanks were removed and 20-day and 45-day reports were submitted to IEPA in 1997. However, a No Further Remediation letter was never issued by IEPA. Reference IEMA #962732. Additional information is available."

3-2 ES093014083520ATL

3.5 Valuation Reduction for Environmental Issues

The User provided the following response to Question 4 of the User Questionnaire:

(4.) Relationship of the purchase price to the fair market value of the Property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this Property reasonably reflect the fair market value of the Property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Property?

The real estate team stated, "No appraisal has been conducted."

3.6 Owner, Property Manager, and Occupant Information

The User provided CH2M HILL with the following site contacts:

Tim Cantwell

Director, MidAmerica St. Louis Airport

9656 Air Terminal Drive

Mascoutah, Illinois, 62258

www.flymidamerica.com

Phone: 618-566-5240

Daniel J. Trapp, P.E.

Director of Engineering and Planning

9768 Airport Boulevard

Mascoutah, Illinois, 62258-5500

www.flymidamerica.com

Email: dan.trapp@flymidamerica.com

Work Phone: 618-566-5322

Cell Phone: 618-406-4291

Siri Vikan

Airport Engineer

9768 Airport Boulevard

Mascoutah, Illinois, 62258-5500

www.flymidamerica.com

Email: siri.vikan@flymidamerica.com

Work Phone: 618-566-5359 Cell Phone: 618-407-4128

The User provided CH2M HILL with the following Property information:

"The parcel is bounded by Wherry Road on the north and east and Scott Air Force Base on the south in St. Clair County, Illinois. Maps are provided.

The site is located on the following parcels: 09-02.0-300-011, 09-02.0-300-010, 09-03.0-401-007, 09-03.0-401-001, 09-03.0-400-005, 09-03.0-401-005, 09-03.0-400-006, 09-03.0-401-008, 09-03.0-400-007, 09-03.0-401-006, and 09-03.0-401-004."

3.7 Reason for Performing Phase I Environmental Site Assessment

The purpose of this ESA is to identify RECs affecting the Property (using the methodology recommended by ASTM) to satisfy the requirements for the Landowner Liability Protections (innocent landowner defense, contiguous property owner liability protection, and bona fide prospective purchaser liability protection) provided by CERCLA's AAI Rule (40 CFR Part 312). It is also intended to help understand potential environmental conditions that could materially impact the purchase price and proposed operations on the Property.

3.8 Other

The User said a condensed EA that includes approximately half of the site was completed in November 2013 for the nearby Interstate 64 (I-64) interchange. The original EIS for the airport is also available. The User was unaware of any other obvious indicators that point to the presence or likely presence of contamination at the Property.

3-4 ES093014083520ATL

Records Review

4.1 Standard Environmental Record Sources

A regulatory database computerized environmental report (CER) was acquired from EDR. The CER is a listing of sites identified on select federal and state standard source environmental databases within the approximate minimum search distance (AMSD) prescribed by ASTM E1527-05. CH2M HILL reviewed each environmental database to determine whether certain sites identified in the CER are suspected to represent a material negative environmental impact to the Property. **Table 4-1** lists the number of sites by regulatory database within the prescribed minimum search distance in the CER. The CER is included in **Appendix C**.

TABLE 4-1 **CER Review**Phase I Environmental Site Assessment

Databases Reviewed	ASMD	Number of Sites within ASMD
Federal National Priorities List (NPL) Site List	1 mile	0
Federal Delisted NPL Site List	1 mile	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List	0.5 mile	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP) Sites	0.5 mile	0
Federal Corrective Action Tracking System (CORRACTS)	1 mile	0
Federal Resource Conservation and Recovery Act Information System (RCRIS) Treatment, Storage, and Disposal (TSD) List	0.5 mile	0
Federal Resource Conservation and Recovery Act (RCRA) Generators List	Onsite and adjoining properties	0
Federal Institutional/Engineering Control Registries	0.5 mile	0
Federal Emergency Response Notification System (ERNS) List and Spills Information (SPILLS)	Onsite	0
State and Tribal Lists of CERCLIS Equivalent Hazardous Waste Sites Identified for Investigation and/or Remediation	1 mile	0
State and Tribal Landfills or Solid Waste Facilities (SWF) List	0.5 mile	0
State and Tribal Leaking Underground Storage Tank (LUST)	0.5 mile	0
State and Tribal Petroleum Bulk Storage Tank Registered Underground Storage Tank (UST) Facility List	Onsite and adjoining properties	3
State and Tribal Institutional/Engineering Control Registries	Onsite	0
State and Tribal Voluntary Cleanup Sites	0.5 mile	0
State and Tribal Brownfield Sites	0.5 mile	0

Properties with missing or incorrect location information appear as unmapped or orphan sites in the radius search report. The orphan site detailed below in **Table 4-2** was identified.

TABLE 4-2 **Orphan Sites**

Phase I Environmental Site Assessment

Property Name/ Address	Database	CER Description	Likely to Affect Property?
PEPL - Alsey Refraction Highway 106 and Clay Hollow Road Alsey, Illinois 62225	RCRA NonGen/NLR	1993 to 1994 - large quantity generator of arsenic. No violations found.	The PEPL-Alsey site is located in the village of Alsey in Scott County, Illinois, more than 70 miles north of the Property. Therefore, the PEPL-Alsey site is not likely to affect the Property.

A description of the databases reviewed by CH2M HILL and an analysis of sites identified within the prescribed search area are presented as follows.

4.1.1 Federal Databases

4.1.1.1 National Priorities List

The National Priorities List (NPL) database is a listing of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under CERCLA (also known as Superfund). A site must be on the NPL to receive money from the Trust Fund for Remedial Action.

Analysis/Comment: The CER did not identify any NPL sites within the AMSD.

4.1.1.2 Delisted National Priorities List Sites

The U.S. Environmental Protection Agency (USEPA) may delete an NPL site if it determines that no further response is required to protect human health or the environment. Under Section 300.425(e) of the National Oil and Hazardous Substances Pollution Contingency Plan (55 Federal Register 8845, March 8, 1990), sites that have been deleted from the NPL remain eligible for further Superfund-financed remedial action in the unlikely event that conditions in the future warrant such action. Partial deletions of NPL sites also can be conducted.

Analysis/Comment: The CER did not identify any delisted NPL sites within the AMSD.

4.1.1.3 Comprehensive Environmental Response, Compensation, and Liability Act Information System

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is USEPA's system for tracking potential hazardous waste sites within the Superfund program. A site's presence on CERCLIS does not imply a level of federal activity or progress at a site, nor does it indicate that hazardous conditions necessarily exist at the location. Within 1 year after a site is entered into CERCLIS, USEPA performs a preliminary assessment of the site. Based upon the results of that assessment, USEPA may conduct an additional investigation, which could lead to a site being listed on the NPL.

Analysis/Comment: The CER did not identify any CERCLIS sites within the AMSD.

4.1.1.4 CERCLIS No Further Remedial Action Planned Sites

As of February 1995, CERCLIS sites designated No Further Remedial Action Planned (NFRAP) are removed from the CERCLIS list. NFRAP sites may be sites where, following an initial investigation, no contamination

4-2 ES093014083520ATL

was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to warrant federal Superfund action or NPL consideration.

Analysis/Comment: The CER did not identify any CERCLA NFRAP sites within the AMSD.

4.1.1.5 Corrective Action Tracking System

The Corrective Action Tracking System (CORRACTS) is a list of facilities that are found to have had hazardous waste releases and require Resource Conservation and Recovery Act (RCRA) corrective action, ranging from site investigations to remediation.

Analysis/Comment: The CER did not identify any CORRACTS sites within the AMSD.

4.1.1.6 Resource Conservation and Recovery Act Information System Treatment, Storage, and Disposal List

The RCRIS Treatment, Storage, and Disposal (TSD) list contains information pertaining to those facilities that treat, store, or dispose of hazardous waste regulated under the RCRA. While these facilities represent some form of hazardous waste activity, they are most significant if determined to be out of compliance or to have violations.

Analysis/Comment: The CER did not identify any RCRA TSD facilities within the AMSD.

4.1.1.7 Resource Conservation and Recovery Act Information System Generators

The RCRIS generator database contains information pertaining to sites that generate hazardous waste regulated under RCRA. Under RCRA, hazardous waste generators are classified by the quantity of hazardous waste generated in a calendar month into the following categories: Large-Quantity Generator, greater than 1,000 kilograms (kg); Small-Quantity Generator, 100 to 1,000 kg; and Conditionally Exempt Small-Quantity Generator, less than 100 kg. RCRA generators, while they represent some form of hazardous waste activity, are most significant if they are determined to have Class I violations or to be noncompliant.

Analysis/Comment: The CER did not identify any RCRA hazardous waste generators within the AMSD.

4.1.1.8 Federal Institutional Control and Engineering Control Registries

The Federal Institutional Control and Engineering Control Registries contain listings of sites that have engineering and/or institutional controls in place. Engineering controls include various physical control devices, such as fences, caps, building slabs, paved areas, liners, and treatment methods, to eliminate pathways for regulated substances to enter the environment or affect human health. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post-remediation care requirements intended to prevent exposure to contaminants remaining onsite. Deed restrictions (activity and use limitations) are generally required as part of institutional controls.

Analysis/Comment: The CER did not identify the Property on the Federal Institutional Control or Engineering Control Registries.

4.1.1.9 Emergency Response Notification System and Spills Information

The Emergency Response Notification System (ERNS) is a database of notifications of oil discharges and hazardous substance releases made to the federal government. These notifications are used by "on-scene coordinators" to determine whether emergency response and release prevention are warranted. When a call is made to the National Response Center or one of the 10 USEPA regions, a report is created containing all of the release information that the caller provided. This report is transferred to an appropriate agency to evaluate the need for a response, and the records are electronically transferred to the ERNS database. As such, if a reported release of oil or a hazardous substance is deemed to require a response, it also should be listed in the appropriate federal or state environmental database, such as CERCLIS, the state equivalent of CERCLIS, or state leaking underground storage tank (LUST) or SPILLS lists.

Analysis/Comment: The CER did not identify any ERNS or SPILLS sites within the AMSD.

4.1.2 State and Tribal Databases

4.1.2.1 Illinois and Tribal CERCLIS-Equivalent Hazardous Waste Sites

The State Hazardous Waste Sites records are the state's equivalent of CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Illinois Environmental Protection Agency (IEPA).

Analysis/Comment: The CER did not identify any Illinois CERCLIS-Equivalent Hazardous Waste Sites within the prescribed 1-mile search radius:

4.1.2.2 Illinois and Tribal Solid Waste Facilities List

The Solid Waste Facilities (SWF) list is an inventory of landfills, incinerators, transfer stations, and other sites that manage solid wastes in Illinois.

Analysis/Comment: The CER did not identify the any SWF within a 0.5-mile radius of the Property.

4.1.2.3 Illinois and Tribal Leaking Underground Storage Tanks List

The LUST Incident Reports contain an inventory of reported LUST incidents. These data come from the IEPA.

Analysis/Comment: The LUST sites detailed in **Table 4-3** below were identified by the CER within the prescribed search radius.

4.1.2.4 Illinois and Tribal Registered Storage Tanks Facility List

The Underground Storage Tank (UST) database contains registered USTs. USTs are regulated under Subtitle I of RCRA. The data come from the Illinois State Fire Marshal.

Analysis/Comment: The CER did not identify any registered USTs within the prescribed search radius.

4.1.2.5 Illinois and Tribal Institutional Land Use Control Registries

The Illinois State and Tribal Institutional Control/Engineering Control Registries database lists properties within the state with recorded institutional controls.

4-4 ES093014083520ATL

Analysis/Comment: The CER did not identify any sites with recorded institutional controls within the prescribed search radius.

TABLE 4-3 **LUST Sites** *Phase I Environmental Site Assessment*

Property Name/Address	Distance (Miles)/ Direction	Presumed Hydrogeologic Relationship	Regulatory Status
St. Clair County - Scott AFB Parcel 99, 1 Wherry Road	0.1 mile/E	Downgradient	Product: Gasoline. IEMA Date: 12/26/1996. NFA/NFR Letter Received: Not reported.
Scott AFB –Building 3189, Tank 64, Scott AFB, IL 62225	0.227 mile/SE	Downgradient	Product: Gasoline. IEMA Date: 05/11/1993. NFA/NFR Letter Received: 02/24/1994
Scott AFB – Building 5039 Scott AFB, IL 62225	0.421 mi/SSE	Downgradient	Product: Unleaded Gas. IEMA Date: 05/07/1998. NFA/NFR Letter Received: 05/03/1999

4.1.2.6 Illinois and Tribal Voluntary Cleanup Program Sites

The Illinois and Tribal Voluntary Cleanup Program database lists sites where voluntary cleanup is occurring.

Analysis/Comment: The CER did not identify any state or tribal Voluntary Cleanup Program sites within the prescribed search radius.

4.1.2.7 Illinois and Tribal Brownfield Sites

A Brownfield site is defined as "an abandoned, idled, or underused industrial or commercial facility, where expansion or redevelopment has been complicated by real or perceived environmental contamination." The Brownfield Program allows a non-responsible party to acquire a contaminated property with state liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation. The amount of environmental work is site-specific and dependent on the intended future use of the site.

Analysis/Comment: The CER did not identify any Brownfield sites within a 0.5-mile radius of the Property.

4.2 Additional Environmental Record Sources

Topography, soil type, and depth-to-groundwater information recorded on the well log provided by the CER is summarized in Sections 4.2.1 through 4.2.4. Additional environmental records from the CER identified the following additional sites on or adjoining the Property.

4.2.1 Topography

According to the 1991 U.S. Geological Survey (USGS) Scott AFB, Illinois, 7.5-minute series topographic map, the Property's elevation ranges from 450 feet above mean sea level (amsl) in the southern portion of the Property to 500 feet amsl in the northeastern portion of the Property. The topography in the area is highest to the north, and gradually decreases moving south. Based on the topographic map review, the Property is at a similar or lower elevation as the adjoining and surrounding areas in all directions (EDR, 2014a).

4.2.2 Hydrogeology

Under natural, undisturbed conditions, shallow groundwater flow generally follows the topography of the land surface, and on this basis, the topography suggests that localized groundwater would flow south toward Scott AFB. The general groundwater flow direction was not reported in the AQUIFLOW Information System provided in the EDR Report. Several water wells were identified within the 1.25-mile search radius. The depth to groundwater was reported to range from 1.5 to 7 feet below ground surface (bgs) (EDR, 2014a).

4.2.3 Surface Waters

Stormwater drainage ditches border most of the Property along Wherry Road. One perennial stream was identified flowing north to south through the western portion of the Property. An artificial farm pond was also observed in the northwestern corner of the Property. The largest body of water near the Property is the Mississippi River, located approximately 20 miles to the west. Other surrounding bodies of water include Scott Lake, located just southeast of the Property, and Silver Creek, which lies east of the Property, meandering north to south. Cardinal Creek Golf Course is located immediately south of the Property, and includes approximately five small ponds that act as water hazards.

4.2.4 Soils

Winfield silt loam (2 to 5 percent slopes) is the predominant soil type on the Property, followed by Downsouth silt loam (2 to 5 percent slopes), both occurring on the western side of the Property, with Menfro silt loam (5 to 10 percent slopes) occurring along the southern Property boundary (NRCS, 2014). Winfield silt loam (2 to 5 percent slopes) is classified as moderately well drained with a typical soil profile of silt loam from 0 to 9 inches, silty clay loam from 9 to 56 inches, and silt loam from 56 to 80 inches. Depth to the water table is approximately 24 to 42 inches (NRCS, 2014). The Downsouth complex (2 to 5 percent slopes) is classified as moderately well drained with a typical soil profile of silt loam from 0 to 11 inches, silty clay loam from 11 to 73 inches, and silt loam from 73 to 80 inches. Depth to the water table is approximately 24 to 42 inches (NRCS, 2014). The Menfro complex (5 to 10 percent slopes) is classified as well drained with a typical soil profile of silt loam from 0 to 7 inches, silty clay loam from 7 to 56 inches, and silt loam from 56 to 80 inches. Depth to the water table is more than 80 inches (NRCS, 2014). All identified soil types are classified as prime farmland of statewide importance (NRCS, 2014).

4.3 Historical Use Information on the Property

Historical research documentation, including historical aerial photographs, topographic maps, fire insurance maps, and city directories, is included in **Appendix D**. The Property was used historically for agricultural and rural residential. The land use currently remains agricultural and is within an airport overlay zone.

4.3.1 Topographic Maps

CH2M HILL reviewed historical Belleville, Illinois, 15-minute series and Lebanon, Illinois, 7.5-minute series topographic maps of the Property provided by EDR (EDR, 2014b). A summary of the findings is presented in **Table 4-4**.

4-6 ES093014083520ATL

TABLE 4-4 **Historical Topographic Map Findings** *Phase I Environmental Site Assessment*

Year	Property	Adjacent and Surrounding Properties
1907	A few small structures are visible on the Property. Branches of a creek join within the Property and flow off the Property to the south.	Wherry Road occurs north of the Property boundary. The Signal Corps Aviation School is immediately south of the Property. Structures are present at varying distances in all directions, and the village of Shiloh is visible west of the Property.
1935	A road transects the Property leading to the Cherry Grove School located along the southern Property boundary. Additional intermittent creeks also transect the Property.	A few small structures are visible along Wherry Road immediately north of the property boundary. Scott Field is visible immediately south of the Property, and additional roads and structures can be seen east, west, and south of the Property.
1949	Several small structures are located along the southern Property boundary at Cherry Grove School.	Additional structures are visible along Wherry Road immediately north of the Property boundary. Additional buildings and development are visible at Scott Field immediately south of the Property, and additional roads and structures can be seen north and west of the Property. A small pond appears just north of the western side of the Property.
1954	Cherry Grove School is no longer visible on the Property. A small pond can be seen in the northwestern corner of the Property and a farmstead appears in the northwestern corner. Wherry Road now curves along the eastern Property boundary.	A school is present east of the Property and several other smaller structures are located to the north, east, and west. The Scott AFB housing area is located adjacent to the Property to the southeast, and a pipeline runs through adjacent southwest properties.
1968	One small structure is visible in the center of the Property near the northern Property boundary.	Additional structures are present north of the Property along Wherry Road. A golf course and pond are located to the south on Scott AFB. Additional buildings and structures are also visible at Scott AFB. Scott Lake can be seen to the southeast.
1974	No significant changes from the 1968 map were observed on the Property.	Highway 64 is under construction north of the Property, and another school has been constructed to the east. Additional structures have been developed around the Scott AFB, and the installation's housing area has expanded. A pond is visible on the golf course south of the Property.
1982	No significant changes from the 1974 map were observed on the Property.	Several additional structures are visible along Wherry Road. Construction of Highway 64 is complete and an interchange has been constructed northwest of the Property. Scott AFB's runway was extended southwest of the Property, and several drainage ditches were constructed around the airfield. Additional housing areas and structures are visible on Scott AFB south and southwest of the Property.
1991	Scott BM 512 is labeled along the northeast property boundary.	A trailer park, Spring Valley Church, and other structures are present along Wherry Road. The two schools east of the Property are labeled Scott School and Scott School North. A campground is shown near Scott Lake, and Perschbacher Cemetery is visible south of the campground. Radio towers and a control tower are located south and southwest of the Property. Two chapels and a medical center are located southeast and southwest of the Property, and two water towers can be seen to the southeast and southwest.

4.3.2 Historical Maps

Sanborn Maps constitute a source of information about prior site uses of real property for many cities and towns in the United States. The maps originally were created to assist insurance underwriters in understanding the potential fire risk of structures requiring insurance; however, they are also useful in identifying previous uses of a property. Sanborn Maps often contain information relating to uses of individual structures, the

location of certain petroleum and chemical storage tanks, and the storage of other potentially toxic substances. Sanborn Maps begin their coverage in 1867 and continue through the 1990s.

EDR searched for Sanborn Maps. This search, however, did not identify Sanborn Map coverage in the vicinity of the Property.

4.3.3 Aerial Photographs

Aerial photographs provide visual documentation of site conditions at the time of the photographs. Activities such as dumping or industrial use of a site can often be discerned through the examination of historical aerial photographs. CH2M HILL reviewed historical aerial photographs provided by EDR, and downloaded from Google EarthTM, which are included in **Appendix D** (EDR, 2014c); (Google Earth, 2014). A synopsis of the aerial photographs reviewed is presented in **Table 4-5**.

TABLE 4-5 **Aerial Photograph Findings** *Phase I Environmental Site Assessment*

Year	Property	Adjacent and Surrounding Properties
1968	The Property appears to be used primarily for farmland. A few dirt roads transect the Property, and a small pond is visible in the northwestern corner. A structure, possibly a barn or farmhouse, is visible near the northern Property boundary. Another structure and associated clearing is also visible in the eastern portion of the Property.	Farmland and residential homes primarily surround the Property. Wherry Road occurs north of the Property boundary and along its eastern boundary. Structures appearing to be residential homes are visible along Wherry Road north of the Property boundary, and another structure along Scott School Road/Pryor Road borders the far southeastern corner of the Property. A structure appearing to be a school is visible east of the Property, and the Scott AFB golf course and military housing area can be seen to the south and southeast, respectively. The Scott AFB runway is also visible to the southwest, and a small structure north of the housing area and immediately south of the Property can also be seen.
1973	A small forested area is visible in the southeast portion of the Property.	Additional structures can be seen along Wherry Road, particularly the trailer park. Additional development has occurred within the Scott AFB military housing area. West of the residential neighborhood, ground-clearing activities are under way, and there is an additional school located north of the previous structure. Major ground-clearing activities are also under way north and northwest of the Property as part of an apparent major highway project (Interstate 64 [I-64]), with a new bridge already set in place.
1981	No significant changes from the 1973 photograph.	A new loop road and a structure appearing to be residential are visible north of Wherry Road. South of the Property is a paved roadway, and south of that is a runway. A small pond is also seen in the golf course south of the Property. A lake is present east of the Scott AFB military housing area, and I-64) north of the Property is complete.
1988	No significant changes from the 1981 photograph.	The Scott AFB runway has been extended to the northwest and a several additional structures are noted throughout the surrounding properties.
1993	No significant changes from the 1988 photograph.	An area has been cleared immediately south of the Property and north of the Scott AFB military housing.

4-8 ES093014083520ATL

TABLE 4-5 **Aerial Photograph Findings** *Phase I Environmental Site Assessment*

Year	Property	Adjacent and Surrounding Properties
1998	The structure near the northern Property boundary is no longer visible. The structure and associated clearing in the eastern portion of the Property is primarily forested. The structure is no longer visible.	Structures along Wherry Road have been demolished and removed. The structure along Scott School Road/Pryor Road bordering the far southeastern corner of the property has also been demolished and removed. A new structure is visible immediately south of the Property and north of the Scott AFB military housing in the area being cleared in the 1993 photograph.
2005	The driving range is visible in the southern portion of the Property. More trees occurring along the northern Property boundary.	Several small structures are visible immediately adjacent to the southeastern corner of the property along Scott School Road/Pryor Road. The Scott AFB military housing area to the south has been demolished. The roads are visible but the houses have been removed.
2006	No significant changes from the 2005 photograph.	No significant changes from the 2005 photograph.
2007	No significant changes from the 2006 photograph.	No significant changes from the 2006 photograph.
2009	No significant changes from the 2007 photograph.	No significant changes from the 2007 photograph.
2010	No significant changes from the 2009 photograph.	No significant changes from the 2009 photograph.
2011	No significant changes from the 2010 photograph.	No significant changes from the 2010 photograph.
2012	No significant changes from the 2011 photograph.	No significant changes from the 2011 photograph.

4.3.4 City Directories

City directories provide tenant listings, by address, for every year covered by the directory service. The EDR city directory abstract included a directory review for the St. Clair County Property and adjacent properties for the following years: 2013, 2008, 2003, 1999, 1995, 1990, 1985, 1980, 1975, and 1970. No findings were identified by the city directory (EDR, 2014d). A complete copy of the EDR city directory abstract is included in **Appendix D**.

Based on EDR's city directory abstracts, there were no previous uses of the Property that would be suspected of degrading the environmental quality.

4.3.5 Previous Reports

Condensed EA and Preliminary ESA

A Condensed Environmental Assessment and a Preliminary ESA were conducted on the eastern portion of the Property (Kaskaskia Engineering Group, 2013). The Preliminary ESA identified no RECs, but noted that pesticides and herbicides likely had been used.

The land immediately adjacent to the far southeastern corner of the Property was a former commercial building with USTs. A heating oil UST and four USTs known to contain gasoline were removed from the Property in 1997. Those four gasoline USTs were closed and abandoned in place in the 1970s, and evidence of a release was observed when the tanks were removed in 1997. No additional information was found for these USTs, including their location on the Property or documentation of any testing or sampling. The

removed USTs with documented releases were identified as an REC in the Preliminary ESA report (Kaskaskia Engineering Group, 2013).

MidAmerica Phase 1 ESA Reports

Phase I ESA reports were provided by Mr. Daniel Trapp from MidAmerica St. Louis Airport, and the findings are summarized below:

- Parcel 18 is a 0.6-acre tract that contains a building housing the instrument landing system for Scott AFB. Asbestos was confirmed to be present in the building (Kuhlmann, 1993a).
- Parcel 53 was used as a trailer park, and included 19 trailers, a house, three domestic water supply wells, and one septic system. Automobile batteries were found on the Property (Kuhlmann, 1993b).
- Parcel 54 included one house and a septic system (Kuhlmann, 1995a).
- Parcel 55 included a house, barn, and an auto repair garage. There were three septic tanks and one
 domestic water supply water well on the Property. Asbestos was found in the tile flooring inside the
 house. An abandoned 560-gallon diesel aboveground storage tank (AST) was found on the Property,
 but no signs of releases were observed around the tank (Kuhlmann, 1995b).
- Parcel 56 included a house, shop, shed, one domestic water supply well, and a septic system.
 Asbestos was found in the tile flooring, roofing, and mastic (Kuhlmann, 1995c).
- Parcel 57 is a 4.6-acre tract that included Spring Valley Baptist Church, a parsonage, a shed, two septic systems, and a partially buried propane tank (Kuhlmann, 1994).
- Parcel 58 is a 0.5-acre tract that included a mobile home and a block building used as a barbershop. There was one domestic water supply well on the Property (Kuhlmann, 1993c).
- Parcel 59 is a 3.5-acre site that included three trailer homes, a tavern, a one-unit apartment building, a three-unit apartment complex, and two wells (Kuhlmann, 1993d). A Phase II ESA was performed based on observations of oil staining on the soil. The staining, however, was deemed *de minimis* and no analytical work was performed (Kuhlmann, 1995d). However, according to MidAmerica St. Louis Airport records, the stained soil was later removed. Additionally, the fuel oil tanks on the parcel were also removed (MidAmerica, 2015).
- Parcel 61 included a house, garage, carport, shed, one domestic water supply well, and a septic system (Kuhlmann, 1993e).

MidAmerica St. Louis Airport confirmed that, according to available documentation, the transformers were removed by Illinois Power, the septic systems were removed as ordinary construction debris, and the debris, hazardous waste, and asbestos were removed on all of the parcels (MidAmerica 2015a; MidAmerica, 2015b).

4-10 ES093014083520ATL

A number of reports were provided by Scott AFB, including Environmental Baseline Surveys (EBSs), EIS and EA documents, and permits. These are summarized below.

1991- Environmental Impact Statement (EIS) for Joint Military-Civilian Use of Scott Air Force Base, Illinois

- The EIS identified eight Installation Restoration Program (IRP) sites at Scott AFB (United States Air Force [USAF], 1991).
- A UST located adjacent to Building 702, several USTs at the Base Exchange (BX) service station, and a UST adjacent to the 932nd Air Force Reserves facility were proposed for removal at the time of the EIS (USAF, 1991).

None of the IRP sites was located near the Property, and the closest site (Fire Protection Training Area 1) is more than 0.5 mile south-southeast of the Property. Therefore, none of the IRP sites is likely to affect the environmental condition of the Property. The EIS did not identify any other contaminated sites within Scott AFB or near the Property that would likely affect the environmental condition of the Property.

2000 – EBS Permit Renewal for Federal Aviation Administrative Facilities 1088 and 5485.

Building 1088 is approximately 0.5 mile southwest of the Property and Building 5485 is located approximately 150 feet south of the Property. The findings of the 2000 EBS are summarized as follows:

- A UST containing Class 3B motor oil used for a generator was identified behind Building 5485. A UST installed at Building 5485 in 1968 was removed on May 19, 1993. After its removal, trace amounts of contamination were found during excavation. Soil samples identified trace amounts of carcinogenic crude oil and 45-cubic yards of contaminated soil were removed (Scott AFB, 2000). Complete over-excavation of the former tank location was not completed due to the presence of the building foundation. No groundwater was encountered. This area was assigned a Category 5 due to the release of petroleum-based constituents; remedial actions were under way, but not yet demonstrated as complete at the time of the EBS.
- A 1,000-gallon AST was identified at Building 5485. The EBS described the tank as in good condition and noted that there were no apparent mechanical or structural problems (Scott AFB, 2000).
- The EBS concluded that the lease should be renewed because the surveyed property was suitable for continued operation of the two facilities (Scott AFB, 2000).

The UST designated as Category 5 is located approximately 150 south of the Property. However, the nature and extent of the contamination are defined and the contamination was limited to the soil. Contaminated soil was excavated and removed from the site. Migration of contamination from the site onto adjacent properties is not likely and the site is unlikely to affect the environmental condition of the Property.

2009 –EBS for Norfolk Southern Railroad License for Patriots Landing Crossing Scott Air Force Base, Illinois

The surveyed area for the 2009 EBS is located approximately 1.6 miles southwest of the Property. The findings of the 2009 EBS are summarized as follows:

- The EBS did not identify any IRP sites on or adjacent to the surveyed property. Seven IRP sites were identified within a 0.5-mile radius of the site: Site SS-06 (Spill Site Area #6); Site OT-08 (Old Dental Clinic, also identified as Former Building 1680); Site SS-16 (Former Transportation Facility Building 53); Site SS-21 (Polychlorinated Biphenyl (PCB) Spill Site); Site SA-26 (Former Coal Pile Storage Area); Site SS-28 (Basewide Oil/Water Separators; and Site SS-29 (Petroleum Sites on Base) (375th Civil Engineer Squadron, 2009).
- There was no evidence of storage tanks located on the surveyed property, but five active USTs were identified within 0.25-mile of the surveyed property. The tanks are used to store diesel fuel and waste oil. No reported spills or incidents were identified. A release was reported from Tank 94 in 1993. The tank was subsequently removed and the site was remediated. In 1992, a release of heating oil associated with Tank 32 was reported. The tank was removed and the site was remediated. A release of diesel fuel was reported from Tank 63 in 1993 and the tank was removed. Tanks 67-71 experienced a release of gasoline, diesel fuel, and used oil. The tanks were removed and the site was being remediated in 2009 when the EBS was prepared (375th Civil Engineer Squadron, 2009).
- The EBS noted that there was no evidence of improper storage or disposal of pesticides, medical or biohazardous waste, radioactive waste, solid waste, asbestos, PCB-containing equipment, or leadbased paint (LBP) (375th Civil Engineer Squadron, 2009).

The EBS concluded that the survey did not identify any evidence of contamination within the surveyed area and it is unlikely migration of contamination from adjacent properties onto the Property had occurred. The surveyed area was assigned a Category 1.

2010 –EBS for Installation of Off-Base Groundwater Wells on St. Clair County Property, Real Estate License – Revision 1, Scott Air Force Base, Illinois

The surveyed area for the 2010 EBS is located approximately 1.6 miles south-southeast of the Property. The findings from the 2010 EBS are summarized as follows:

• A former Base landfill was identified just north of the area surveyed for the 2010 EBS. Although no known hazardous substances were stored within the surveyed area, a contaminated groundwater plume from the adjacent landfill had migrated onto the northern portion of the surveyed property, resulting in the property being assigned a Category 5 (375th Civil Engineer Squadron, 2010a).

4-12 ES093014083520ATL

- The EBS did not identify any IRP sites on or adjacent to the surveyed property. Six IRP sites were identified within a 0.5-mile radius of the site: Site LF-01 (Former Base Landfill, north and south cells); Site FT-03 (Former Fire Protection Area No. 2); Site ST-10 (Basewide UST [#19]); Site WP-13 (Former Waste Water Treatment Plant Sludge Beds); Site SS-28 (Basewide Oil/Water Separators [#13]); and Site SS-29 (Basewide Petroleum Sites [AOC-05]). Site SS-28 is located within a facility that was used from the mid-1970s to 1992 to store, maintain, and wash trash trucks. Between 1992 and 2007, the facility served as the recycling center for Scott AFB. At the time of the EBS in 2010, the facility was used as a supply warehouse and RV storage. In 2005, a Preliminary Assessment/Site Inspection Report was prepared for the site, which identified benzene, ethyl benzene, toluene, xylenes, and polynuclear aromatic hydrocarbon (PAH) contamination in the soil. The report recommended No Further Action (NFA) (375th Civil Engineer Squadron, 2010a).
- There was no evidence of storage tanks located within the surveyed area for the EBS, but eight active USTs were identified with 0.5 mile of the surveyed property that were used to store diesel fuel, deicer, and aviation gasoline. One reported spill occurred within the 0.5-mile radius and was associated with Tank #18, an unleaded gasoline tank that was removed. Subsequently, a release was found but a LUST incident number was not assigned. Remediation of the site involved the removal of 400 cubic yards of soil in 1993. Tank #19, an aviation gasoline tank, was removed in 1993, and a release was discovered and reported. Remediation and soil removal followed. Tank #17 was removed in 1995 but no release was detected (375th Civil Engineer Squadron, 2010a).

The former landfill and identified adjacent property IRP sites and tank release sites are more than 1.5 mile southeast of the Property and are not likely to affect the environmental condition of the Property.

2010 - EBS for Lincoln's Landing Pedestrian Crossing and Easements, Scott Air Force Base, Illinois

The community center at the Lincoln's Landing Housing Area at Scott AFB is located approximately 1.5 miles south of the Property. The findings of the 2010 EBS are summarized as follows:

- The EBS stated that no potential hazardous substances were identified at or near the surveyed property. Therefore, the surveyed property was assigned a Category 1.
- The EBS did not identify any IRP sites on or adjacent to the surveyed property. Five IRP sites were identified within a 0.5-mile radius of the site: Site SS-05 (Spill Site No. 5); Site ST-10 (Former Basewide UST [Tanks 22 and 59]; Site SS-15 (Former Defense Reutilization and Marketing Office/Spill Site 15); Site SA-26 (Former Basewide Coal Pile Site [Building 869]); and Site SS-28 (Basewide Oil/Water Separators) (375th Civil Engineer Squadron, 2010b).
- There was no evidence of storage tanks located on the surveyed property, but 17 active USTs were identified with 0.5 mile of the surveyed property and were used to store diesel and gasoline fuel, JP-8,

propylene glycol, and used oil. Nine reported spills occurred within 0.5 mile of the subject Property. In 1997, Tanks 20 and 21, and JP-8 were removed; a release was detected and reported. Two contaminated areas at the site were excavated in 2003 and 415 cubic yards of soil were removed. Tanks 33 and 34, both of which stored heating oil, were removed in 1995. A release was detected and reported when Tank 34 was removed; remediation and the removal of 213 cubic yards of contaminated soil were subsequently conducted. In 1995, the heating oil Tank 35 was removed and a release was detected and reported. Approximately 144 cubic yards of contaminated soil were removed during remediation. Tanks 36 and 37, which contained heating oil, were removed in 1995 and a release was detected and reported. Approximately 3,068 cubic yards of contaminated soil were removed during remediation. In 1992, a 1,000-gallon diesel tank was removed and a release was detected and reported. Four spills are described in the EBS. During three of the four spills, the fuel did not enter a waterway and was cleaned up. During one spill of 6 gallons of gasoline in 2008, some fuel entered a waterway but the remainder was removed by absorbents (375th Civil Engineer Squadron, 2010b).

- The EBS noted that pesticides were likely used in the past when the surveyed property was used as agricultural land; however, no evidence was found indicating the improper storage or disposal of pesticides on the surveyed property (375th Civil Engineer Squadron, 2010b).
- There was no evidence of radon, LBP, PCB-containing equipment, asbestos, radioactive waste, solid waste, or medical or biohazardous waste storage or disposal on the surveyed property.

The identified IRP sites and tank release sites are more than 1 mile south of the Property and are unlikely to affect the environmental condition of the Property. The property surveyed in the 2010 EBS is 1.5 miles south of the Property and it is unlikely contamination (i.e., pesticides) on the surveyed property has migrated onto the Property.

2011 – Department of the Air Force Permit to Federal Aviation Administration (FAA) (Airport Surveillance Radar (ASR-9)) For Real Property Located on Scott Air Force Base, Illinois

Department of the Air Force Permit to Federal Aviation Administration (FAA) (Remote Transmitter/Receiver and Sector Field Office (RTR/SFO)) for Real Property Located on Scott Air Force Base, Illinois

Two permits were issued in 2011 by the Secretary of the Air Force allowing the FAA to use land at Scott AFB: one permit allowed the use of the ASR-9 site, Building 5485 which is located directly adjacent to the southern boundary of the Property and the other permit allowed the use of the RTR/SFO site, Building 1088 (USAF, 2011a; USAF, 2011b). The permits state that an EBS was conducted in accordance with Condition 20, and is incorporated into the permit by reference and an EBS waiver dated June 9, 2011 (USAF, 2011a; USAF, 2011b). However, no EBS document was included with either permit. An EBS was completed for

4-14 ES093014083520ATL

both properties in 2000 and is summarized above. No changes to either facility are apparent based on a comparison between maps included in the 2000 EBS and the 2011 permit.

2012 – EBS for Right-of-Entry (ROE) Agreement at Scott Field Heritage Air Park, Scott Air Force Base, Illinois

The air park surveyed for the 2012 Right of Entry Agreement EBS is located approximately 0.5 mile southwest of the Property. The findings of the 2012 EBS are summarized as follows:

- Eight soil samples from four boring locations were collected within the surveyed area in 2004 and no ground contamination was detected (375th Civil Engineer Squadron, 2012).
- No evidence of potential hazardous substance storage was detected on or near the surveyed property.
 Therefore, the survey property was assigned a Category 1.
- The EBS did not identify any IRP sites on or adjacent to the surveyed property. Three IRP sites were identified within a 0.5-mile radius of the site: Area of Concern (AOC) 3 (Hospital Incinerator); Site ST-10 (Former UST #55); and Site SS-25 (Former Pagelow Housing Area). AOC 3 is an incinerator that was originally used on the fifth floor of the Base Hospital between 1958 and 1982. It was removed in 1982. Soil sampling was conducted in 2006 that identified low levels of dioxin, although it was not above the Base background values. A No Action Decision Document for AOC 3 was approved in 2010. Site ST-10 encompasses 27 former USTs. Tank 55 was the only UST located within 0.5 mile of the area surveyed as part of the EBS. Groundwater monitoring wells were installed at the site in 2009 and limited groundwater contamination was detected. The site was monitored for 3 years as a result. Site SS-25 encompasses two former housing areas: Cardinal Creek and Pagelow. The Pagelow Housing Area originally consisted of 10 multi-family housing units that each had two USTs for heating oil. The USTs were removed in 1984 and evidence of several leaks was detected. In 1992, the buildings were demolished. Testing revealed the presence of pesticides in the soil and PAHs were present in the groundwater. At the time of the EBS, Scott AFB planned to transfer the surveyed property to the IEPA (375th Civil Engineer Squadron, 2012).
- There was no evidence of storage tanks located on the surveyed property, but two active tanks were identified within 0.5 mile of the surveyed property that were used to store diesel fuel. No reported spills or releases have been associated with these tanks. Several tanks were identified in the EBS as removed. Tank #83 was removed in 1992 and no release was identified. Tank #97, which contained heating oil, was removed in 1995 and a release was detected. The site was remediated and the contaminated soil was removed. Tank #48, which contain diesel, was removed in 1995 and no release was detected. Tank #55, which contained gasoline, was removed in 1993 and a release was detected. As a result, 150 yards of contaminated soil were removed and, as of the completion of this EBS in 2012, the site was being remediated under IRP Site ST-10 (375th Civil Engineer Squadron, 2012).

ES093014083520ATL 4-15

- No evidence of pesticides, asbestos, radon, LBP, PCB-containing equipment, asbestos, radioactive
 waste, solid waste, or medical or biohazardous waste storage or disposal on the surveyed property.
- The EBS concluded that there was no evidence of contamination on the surveyed property (375th Civil Engineer Squadron, 2012).

Of the IRP sites identified in the report, AOC 3 was designated NFA, Tank 55 at ST-10 is more than 0.5 mile south of the Property, and the SS-25 Pagelow Housing Area is approximately 0.7 mile southwest of the Property. As a result, none of these IRP sites is likely to affect the environmental condition of the Property. The Cardinal Creek Housing Area, including IRP Site SS-25, borders the Property to the south and is discussed in detail below. The identified USTs and releases are more than 0.5 mile southwest of the Property and not likely to affect the environmental condition of the Property.

2013 –EBS for Amending Perpetual License Between the 375th AMW and the 126th ARW, Scott Air Force Base Illinois

The surveyed area for the EBS is located approximately 0.3 mile south of the Property. The findings of the 2013 EBS are summarized as follows:

- A former Base landfill was identified approximately 1 mile southeast of the area surveyed for the 2013 EBS. Although no known hazardous substances were stored within the surveyed area, industrial wastes, including paints, pesticides, oils, transformers, and drums, were disposed of in the adjacent landfill (375th Engineer Squadron, 2013).
- The EBS identified part of the surveyed area as within IRP Site SS-25, Former Base Housing Areas. The site encompasses two former housing areas: Cardinal Creek and Pagelow. The Pagelow Housing Area is not discussed in the EBS because it was located more than 0.5 mile from the surveyed area. Constructed in 1952, the former Cardinal Creek Housing Area was treated for termites between 1960 and 1980 using chlordane. As a result, soil at the site was contaminated with pesticides. In 1999, the complex was vacated and subsequently demolished. The southern section of the former housing area was redeveloped in the early 2000s and a Final Comprehensive Site Investigation Report/Remedial Objectives Report/Remedial Action Plan, SS-25 Cardinal Creek Village was produced in 2013. In the report, two pesticide contaminated areas were identified as exceeding Tier I Soil Remediation Objectives within the former housing area. At the time that the EBS was completed (2013), a section of the former Cardinal Creek Housing Area was under remediation in preparation for construction of a facility for the Defense Information Management Agency. At that time, soil sampling was conducted and nine waste management areas were identified where contaminated soil would be excavated (375th Engineer Squadron, 2013). Site SS-25 is located on the surveyed property and has pesticide-contaminated soil, which is on or adjacent to the surveyed property. The soil removal action

4-16 ES093014083520ATL

- was under way and scheduled to be complete before the end of 2013. As a result, the surveyed property was assigned a Category 5.
- Additionally, eight IRP sites were identified within 0.5 mile of the surveyed area: Site FT-02 (Former Fire Protection Area No. 1); Site OT-09 (Base Small Arms Firing Range); Site ST-10 (Base Wide UST [Tank 85]); Site SS-12 (Golf Course Entomology/Maintenance Facility); Site SS-19 (Former Civil Engineering Storage Yard); RW-20 (Low Level Radioactive Waste Site); Site SA-26 (Former Coal Piles on Base); and Site SS-28 (Basewide Oil/Water Separators).
- There was no evidence of storage tanks located on the surveyed property. Three active ASTs were associated with Building 5498 and Building 5485; no spills or releases have been recorded for these three tanks. Nineteen active ASTs and USTs and nine reported spills were identified with 0.5 mile of the surveyed EBS property. Tank #77, which contained fuel oil, was removed in 1993 and a release was detected and reported. A No Further Remediation (NFR) status was requested and granted for this site in 2008. A spill was reported in 1995 associated with Tank #39. The site was remediated in 1996. In 1998, an unleaded gasoline spill was reported in the vicinity of Building 5039. The site was remediated in 1999. A 20-gallon JP-8 spill was reported in 2006 on the Illinois Air National Guard (ILANG) Apron Bravo 3. In order to stop the spill from contaminating the storm drains or waterways, absorbents and booms were used to contain the spill on pavement. In 2001, a 500-gallon JP-8 spill was reported. As part of the fuel recovery, 400 gallons were retrieved from the dike area and 50 gallons were retrieved from the grassy area. In addition, 575 tons of soil were removed and soil sampling was conducted. In 2002, a 580-gallon JP-8 spill was reported in the ILANG, and a Notice of Violation was issued. In 2003, a 23-gallon diesel fuel spill was reported at the ILANG fill stand; however, the spill did not enter a waterway. As a result, 35 tons of soil was removed as part of remediation. In 2003, a 4,000-gallon JP-8 aviation fuel spill was reported that entered the ground and storm drain. The spill was containerized and contaminated soil was removed. In 1996, a gasoline spill occurred off-Base at a site that formerly was occupied by a gasoline station between 1950 and 1980. The gas tanks were removed from the site in 1997 and the contaminated soil was remediated (375th Engineer Squadron, 2013).
- There was no evidence of medical or biohazardous waste, or radioactive waste, radon, LBP, PCBcontaining equipment, asbestos, or storage or disposal on the surveyed property. The former Cardinal
 Creek Housing Area contained structures with asbestos and LBP; however these buildings were
 remediated and abated for such materials prior to demolition. Soil sampling was conducted for IRP
 Site SS-25 and no lead contamination was identified (375th Engineer Squadron, 2013).

ES093014083520ATL 4-17

- Solid waste (trash and recyclables) was identified as being temporarily stored within the surveyed area (375th Engineer Squadron, 2013). However, none of these materials was disposed of within the surveyed area.
- The EBS noted that there were no concerns with groundwater on or within the surveyed area.

The former landfill is more than 1.5 mile southeast of the Property and is not likely to affect the environmental condition of the Property. The former Cardinal Creek Housing Area, including IRP Site SS-25, borders the Property to the south. However, none of the nine waste management areas is located on or adjacent to the Property, and contamination is limited to the soil. Therefore, the site is not likely to affect the environmental condition of the Property. Site SS-12, which served as the entomology and maintenance facility for Cardinal Creek Golf Course, is located approximately 0.43 mile south of the Property. The facility was used from 1972 to 2000, but was demolished in 2001. Insecticides, fungicides, herbicides, motor fuels, lubricants, antifreeze, and cleaning solvents were used at this facility. However, no chemical compounds were found in the groundwater, and low levels of arsenic were detected in the soil. The site was closed in 2012 (375th Engineer Squadron, 2013). The remaining seven IRPs are located more than 0.5 mile from the Property. None of the identified IRP sites is likely to affect the environmental condition of the Property. Additionally, none of these spills or releases identified in the EBS occurred on or directly adjacent to the Property and none is likely to affect the environmental condition of the Property.

2013 – Final Environmental Baseline Survey Supporting Gate Complex Construction at Scott Air Force Base, Illinois

A visual site inspection (VSI) was conducted for the 2013 EBS, which encompasses the eastern section of the Property and extends east beyond Scott School Road and north to Chocktaw Road. The inspected area includes two former schools with playgrounds, parking areas, and sections of Wherry Road and Scott School Road. Within the inspected site, drainage flow occurs towards the east and southeast (Air Force Civil Engineering Center [AFCEC], 2013). The findings of the 2013 EBS are summarized as follows:

- The EBS identified one potential environmental concern: the former gasoline station with several USTs and documented soil contamination (Parcel 99). The surveyed property was likely in use from 1951 to the early 1980s. Remediation occurred in 1997 to remove the USTs and 680 cubic yards of contaminated soil. An NFA required determination had not been received from the IEPA at the time of the EBS in 2013. The LUST site remains open. The EBS noted that further remedial action may be required (AFCEC, 2013). MidAmerica St. Louis Airport provided an NFR letter from the IEPA dated April 2015 for closure with no restrictions or engineering controls for the LUST case on Parcel 99 (IEPA, 2015).
- The former schools and the former gas station within the surveyed area would have historically required the use or storage of hazardous materials and petroleum products. Records indicate that

4-18 ES093014083520ATL

USTs were formerly present at the school locations and the former gas station, which was likely also used for vehicle maintenance and repairs. However, no hazardous materials or petroleum products were observed within the surveyed area and no evidence of significant releases of hazardous materials and petroleum products were detected during the VSI (AFCEC, 2013).

- No USTs were observed during the VSI. As mentioned above, records indicate that USTs were historically present at both the school and gas station sites. These USTs have since been removed. Parcel 99 functioned as a gas station between 1952 and the early 1980s before it was vacated. The building was converted into a video rental store in the early 1990s. In 1997, St. Clair County acquired the property and demolished the building. A Phase I ESA was conducted at the site in 1997 and identified one existing UST and several removed USTs. A Phase II ESA later that year confirmed the presence of one UST and indicated the likely presence of three other USTs that were abandoned in the 1970s. An interview revealed that several other USTs had been installed and removed, but left on the property until 1989. Soil contamination on Parcel 99 was confirmed during the Phase II ESA but no evidence of groundwater contamination was detected. The five out-of-service USTs and 684.9 cubic yards of contaminated soil were removed in 1997. There are no records that indicate that further remediation was conducted after 1997. Personnel from MidAmerica St. Louis Airport indicated in 2013 that all necessary physical remedial actions had been completed but the site remained open. A UST gasoline leak was recorded on Parcel 99 in 1996. The EBS states that there is no record of environmental contamination from the former USTs on the two former school locations (AFCEC, 2013). At the time of the EBS, remedial actions were taken to remove the USTs and soil contamination on Parcel 99, but an NFR letter was not provided. Therefore, these portions of Parcel 99 were assigned Category 5. However, MidAmerica St. Louis Airport provided an NFR letter from the IEPA dated April 2015 for closure with no restrictions or engineering controls for the LUST case on Parcel 99 (IEPA, 2015).
- No ASTs were observed on the surveyed property during the VSI and no documentation indicated the former presence of ASTs. One AST was identified on land adjacent to the inspected area (AFCEC, 2013).
- It is likely that pesticides were used within the investigated area, which was formerly agricultural land. However, there is no evidence of pesticide contamination at the site.
- No medical or biohazardous wastes, radioactive waste, or solid waste, are known or suspected to have been generated, stored, or disposed of within the inspected area.
- The former school locations are assumed to have friable and non-friable ACMs present (AFCEC, 2013).

ES093014083520ATL 4-19

- No PCB contamination was found on the site. However, PCBs are present in the ballast material of the ceiling lamp fixtures within both schools (AFCEC, 2013).
- Since both schools were constructed before 1978, LBP is assumed present (AFCEC, 2013).
- The EBS concludes that there are no environmental concerns on properties adjacent to the investigated area (AFCEC, 2013).
- The former gas station on Parcel 99 is located approximately 700 feet east of the southeastern corner of the Property. However, MidAmerica St. Louis Airport provided an NFR letter from the IEPA dated April 2015 for closure with no restrictions or engineering controls for the LUST (IEPA, 2015). Therefore, this site is not likely to affect the environmental condition of the Property. The AST identified in the findings is associated with the FAA Airport Surveillance Radar Site located directly south of the southeast corner of the Property. However, no spills or releases are reported for the AST. The schools are 0.25 mile east of the Property, and any PCB or LBP material is not likely to affect the environmental condition of the Property.

2014 – Environmental Assessment Addressing Gate Complex Construction at Scott Air Force Base, Illinois

The proposed action for the 2014 EA involved the replacement of the existing Cardinal Creek Gate with a modern access gate complex, and the replacement of the commercial vehicle inspection facilities at the Mascoutah Gate with a facility at the Cardinal Creek Gate. A Finding of No Significance Impact was approved in 2014 for the proposed action. The project area for the 2014 EA encompasses the southeastern corner of the Property and extends further east and north towards Scott School Road and Chocktaw Road.

- The report stated that no hazardous materials, wastes, or petroleum products were identified on the property.
- Two ERP sites were identified in the vicinity of the proposed action: Site SS-25 and Parcel 99. Site SS-25, which is discussed above, consists of the former Cardinal Creek Housing Area and contains soil impacted by pesticides, specifically chlordane used for termites between 1960 and 1980. As of the EA in 2014, no remedial action had been taken. The EA recommended restricting soil disturbance until the contamination could be fully remediated. Parcel 99 is the former gasoline station that contains several former USTs with documented soil contamination. The site was remediated most recently in 1997 at which time five USTs and 684.9 cubic yards of contaminated soil were removed. The site remains open (AFCEC, 2014). MidAmerica St. Louis Airport provided an NFR letter from the IEPA dated April 2015 for closure with no restrictions or engineering controls for the LUST case on Parcel 99 (IEPA, 2015).

4-20 ES093014083520ATL

• Two former school buildings are located within the project area for the EA. Because the schools were identified as constructed before 1978, they are assumed to contain LBP. Based on the deteriorated condition of the schools, the ACMs that were previously identified as non-friable during a survey in 1998 are assumed to have become friable. PCBs had also been identified in the ceiling-mounted florescent lamp fixtures used in the schools. As of 2013, the ballast materials were still in place for these lamp fixtures, though some fixtures were on the floor, having been removed from the ceiling (AFCEC, 2014).

2014 – Memorandum for Record for Real Estate Transaction: Recertification of Environmental Baseline Surveys (EBSs) to Grant a Right of Entry to Repair and/or Replace Perimeter Fence on Scott AFB, Illinois

Environmental due diligence was conducted for the proposed real estate transaction involving the grant of a Right-of-Entry (ROE) to Scott AFB to clear brush within 5 feet and trees within 2 feet of the installation's perimeter fence on privately or county owned properties. Six previous EBSs were determined to be applicable and representative of current conditions along the perimeter fence, including the following EBSs which are summarized above: Supporting Gate Complex Construction (2013), Right of Entry Agreement at Scott Field Heritage Air Park (2012), Norfolk Southern Railroad License for Patriots Landing Crossing (2009), Lincoln's Landing Pedestrian Crossing and Easements (2010), and Installation of Off-Base Groundwater Wells on St. Clair County Property Real Estate License – Revision 1 (2010).

- Twenty-two ERP sites were identified within 0.5 mile of the property (Deck, 2014). These were identified in the six EBS reports summarized above.
- A VSI was conducted of the property in July 2014 and the current conditions were reevaluated. No environmental concerns were noted (Deck, 2014).

2015 – Memorandum for Record for Real Estate Transaction: Environmental Baseline Recertification for Amending Right-of-Entry (ROE) Agreement with St. Clair County for Off-Base Monitoring Wells, Scott AFB, Illinois

Environmental due diligence was conducted for the proposed real estate transaction involving the extension of a ROE Agreement for another 5 years that allows access for sampling and maintenance of monitoring well network located on property owned by St. Clair County, approximately 1.63 miles south-southeast of the Property. The document establishes that the EBS, dated December 7, 2010 (*Environmental Baseline Survey [EBS] for Installation of Off-Base Groundwater Wells on St. Clair County Property, Real Estate License – Revision 1*) remains applicable and representative of current conditions (Collingham, 2015).

One ERP site, LF-01, the former Base landfill, was identified and a contaminated groundwater plume
was detected that extended onto the surveyed property. As of March 2015, remedial action was under

ES093014083520ATL 4-21

way (Collingham, 2015). The former landfill is more than 1.5 mile southeast of the Property and is not likely to affect the environmental condition of the Property.

In March 2015, a VSI was conducted of the property and the current conditions were reevaluated. No
environmental concerns were noted (Collingham, 2015).

4.4 Historical Use Information on Adjoining Properties

Information about historical use of adjoining properties as identified in available historical resources has been described previously in this section. The adjoining properties include agricultural fields to the east, west, and north, and Scott AFB to the south.

4.5 Non-Scope Considerations

Non-scope considerations were reviewed and are described as follows.

4.5.1 Asbestos-Containing Building Materials

The use of most spray-on surface applications of ACMs was banned by the National Emission Standards for Hazardous Air Pollutants (NESHAP) during the 1970s. Specifically, asbestos-containing spray-on fireproofing and insulation were banned under NESHAP in 1973, followed by a ban on decorative spray-on applications in 1978. In 1975, NESHAP also banned the installation of wet-applied and pre-formed asbestos-containing pipe insulation and pre-formed boiler and hot water tank insulation. Although revised in 1990, NESHAP still prohibits spray-on applications of ACM to buildings, structures, pipes, and conduits unless such material is encapsulated in a bituminous or resinous binder that is not friable after drying.

Under the Toxic Substance Control Act, the use of asbestos-containing corrugated paper, roll-board, commercial paper, specialty paper, flooring felt, and new uses of asbestos were banned in 1989.

Notwithstanding the forgoing, most U.S. firms voluntarily ceased production of asbestos-containing building materials not covered by the aforementioned federal bans by the mid-1980s.

No buildings are located on the Property. However, former buildings on the Property contained ACM. A former building on Parcel 59 contained friable ACM in the form of vibration cloth associated with the building's furnace. A former building on Parcel 18 had friable ACM, which included transite siding and ceiling surfacing. ACM was also found in the tile flooring inside the house on Parcel 55.

According to available records, ACM was removed from the buildings on Parcels 55, 56, 57, 58, 59, and 61 prior to demolition (MidAmerica, 2015a; MidAmerica, 2015b). MidAmerica St. Louis Airport is in the process of removing the ACM and demolishing the small abandoned shed on Parcel 18. The demolition is scheduled for completion in June 2015 (Trapp, 2015).

4.5.2 Radon

Radon is a naturally occurring, colorless, odorless gas that is a byproduct of the decay of radioactive materials potentially present in bedrock and soil. Radon gas may enter the lowest level of a building through floor

4-22 ES093014083520ATL

cracks, structural joints, or plumbing conduits. The concentration of radon gas in a building depends on subsurface soil conditions, the integrity of the building's foundation, and the building's ventilation system. The potential adverse health effects associated with radon gas depend on various factors, such as the concentration of the gas and duration of exposure. The USEPA guidance action level for annual residential exposure to radon is 4 picoCuries per liter (pCi/L) of air. The guidance action level is not a regulatory requirement for private owners of real property, but is commonly used for comparison purposes to suggest whether further action at a building may be prudent.

No enclosed buildings are currently present on the Property and, therefore, radon levels are not likely an issue. In addition, St. Clair County has a USEPA Radon classification of Zone 2, or an indoor average level of 2 to 4 pCi/L (USEPA, 2014).

4.5.3 Lead-Based Paint

LBP is a hazard in structures constructed before 1978. Lead accumulates in the body and can cause significant health problems in small children when ingested.

No painted buildings, structures, or other improvements are located on the Property. Former buildings constructed at this location before 1978 may have had LBP, but no LBP surveys were available for review. If LBP existed, it is unknown if it was abated prior to demolition of if precautions were made to ensure there were no releases of LBP to the environment.

4.5.4 Lead in Drinking Water

Lead can enter drinking water supplies from the corrosion of pipes and plumbing fixtures. Drinking water left standing for several hours or more in lead pipes or in plumbing systems containing lead can result in the lead dissolving in the water. Elevated levels of lead can cause serious health problems, especially for pregnant women and young children.

American Water is responsible for the operation and maintenance (O&M) of the water supply at Scott AFB, and has taken measures to remove lead from the water supply. The 2013 Water Quality Report for Scott AFB indicates that lead was detected at concentrations well below safe and acceptable limits (American Water, 2013). However, American Water cannot control the pipes and plumbing fixtures used in plumbing components. If water has been sitting for several hours in a home or business, the utility recommends letting the water run from the tap for 30 seconds to 2 minutes before using it for drinking or cooking to help prevent lead exposure (American Water, 2013).

Currently, the Property has no potable water supply and, therefore, lead in drinking water is not an issue.

4.5.5 Polychlorinated Biphenyls

A pole-mounted transformer was observed immediately south of the Property. A blue, non-polychlorinated biphenyls (PCBs) sticker was not observed on the transformer, but no visible signs of leaking or staining were noted. No additional equipment containing PCBs was found on the Property.

ES093014083520ATL 4-23

4.5.6 Regulatory Compliance

No known regulatory compliance issues were found to occur at the Property.

4.5.7 Industrial Hygiene

No industrial activities are known to occur on the Property.

4.5.8 Health and Safety

No health and safety-related activities are known to occur on the Property.

4.5.9 Indoor Air Quality

No enclosed buildings are currently present on the Property. Therefore, no inquiry into indoor air quality was necessary.

4.5.10 Pesticides and Herbicides

Property representatives confirmed that herbicides and pesticides are used on the Property. However, they have not been stored on the Property since it was purchased by St. Clair County (see Section 6.2.1), and no storage or production of listed biological agents, pesticides, or herbicides has been reported or documented on the Property.

4.5.11 Mold

A small abandoned shed is located on Parcel 18. However, MidAmerica St. Louis Airport is in the process of demolishing the small abandoned shed on Parcel 18, and the demolition is scheduled for completion in June 2015 (MidAmerica, 2015b; Trapp, 2015).

4-24 ES093014083520ATL

Site Reconnaissance

5.1 Methodology and Limiting Conditions

On November 17, 2014, CH2M HILL personnel performed a visual reconnaissance of surface conditions at the Property. One of the primary objectives of the site reconnaissance was to note visual evidence of contamination or potential sources of contamination, including leaks, spills, and any other evidence of past or current releases. The methodology used involved walking the Property and documenting in all directions the current conditions and surrounding properties. All trails, dirt roads, and open fields were also walked and visually inspected. The observations described below were based on conditions of the Property noted at the time of the reconnaissance. The locations and cardinal/ordinal directions of relevant observations are depicted in the photograph log (**Appendix E**) and on **Figure 2-1**.

The southwestern corner of the Property was not observed. This portion of the Property is a golf course driving range for Scott AFB, and is located inside a secure chain-link fence and inaccessible for closer observation.

5.2 General Site Setting

The following observations were based on conditions of the Property noted at the time of the site reconnaissance. The Property consists of 11 parcels (09-02.0-300-011, 09-02.0-300-010, 09-03.0-401-007, 09-03.0-401-001, 09-03.0-400-005, 09-03.0-401-005, 09-03.0-400-006, 09-03.0-401-008, 09-03.0-400-007, 09-03.0-401-006, and 09-03.0-401-004) and covers approximately 178 acres. The Property is south and west of Wherry Road, north of Scott AFB and the installation's Cardinal Creek Golf Course, and east of Illinois Route 158 (Illinois 158) in city of Belleville, St. Clair County, Illinois. The Property is accessible from two gravel and dirt roads off Wherry Road at the northern boundary.

The Property is predominately agricultural fields separated by a thin forested tract. A perennial stream bisects the western portion of the Property flowing in generally a north-to-south direction. A tributary that flows from outside the western boundary onto the Property joins the main channel near the southern boundary before flowing off the Property (Photograph 22, **Appendix E**). A forested riparian buffers the stream on both sides of the stream and tributary. An approximately 1-acre freshwater pond is located near the northern boundary of the Property on the south side of Wherry Road. The freshwater pond is surrounded by a forested buffer. The driving range for Scott AFB's Cardinal Creek Golf Course is located along the southern Property boundary. No structures were observed on the Property and the topography was relatively flat throughout.

5.2.1 Adjoining Property Use

Properties to the north, east, and west are all currently used for agriculture. A 1,500-gallon AST was observed just outside the southeastern corner of the Property, and a trailer-mounted 250-gallon AST was observed in

ES093014083520ATL 5-1

the wooded area along the creek tributary just beyond the Property's southwestern boundary. It could not be determined if both ASTs were empty, although no staining, discolored soil, or stressed vegetation were observed that would indicate a release. A pole-mounted transformer was identified on the adjacent property just outside the southern boundary.

The southern portion of the Property is bordered by the Scott AFB, including a runway to the west and southwest, and the installation's Cardinal Creek Golf Course, which is accessed through Scott AFB. There was no visual evidence, as observed from periphery, of any recognized environmental conditions on these adjacent properties.

5.3 Exterior Observations

Power lines were located along Wherry Road north of the Property. As noted previously, a pole-mounted transformer was identified immediately outside the eastern boundary. No visible signs of leakage or discoloration from fires were observed at the time of survey. Two gravel drives enter the Property off Wherry Road. One of the gravel/dirt roads is labeled on aerial maps as Cherry Grove School Road, which travels north and south. A second gravel entrance is located immediately west of the pond. The second entrance to the west travels through approximately 40 yards of forested area before the gravel road ends at the intersection of an agricultural field. At the time of survey, the crops had been harvested, which allowed easy access throughout the fields.

A monitoring well was observed near the northern Property boundary where one of the agricultural fields abuts a forested area south of Wherry Road.

Several debris piles were found throughout the Property. Two, approximately 5-foot by 10-foot by 3-foot piles of metal, wooden debris, and two large tractor tires were observed within the forested area adjacent to the agricultural field in the southwestern corner of the Property (Photographs 12 and 26, **Appendix E**). Additionally, there was a similarly sized debris pile near the northern boundary, just inside the wood line, consisting of wood, metal debris, and a mattress (Photograph 9, **Appendix E**).

5.4 Interior Observations

An approximately 20-foot-tall observation tower was noted near the southeastern boundary of the Property. A small abandoned shed is located on Parcel 18, within an area of dense vegetation and trees in the middle of a farm field. The shed was not observed during the site reconnaissance. However, MidAmerica St. Louis Airport is in the process of demolishing the shed, and the demolition is scheduled for completion in June 2015 (MidAmerica, 2015b; Trapp, 2015).

5-2 ES093014083520ATL

Interviews

This section summarizes relevant information obtained from the interviews conducted by CH2M HILL between December 5, 2014, and December 18, 2014.

6.1 Interviews with Owners

The current Property owners were not available for interview during the site reconnaissance. However, the MidAmerica St. Louis Airport contacts listed in Section 3.5 were interviewed following the site reconnaissance.

6.2 Interview with Property Representatives

6.2.1 Local Property Contact - Trapp, Dan

Mr. Dan Trapp was interviewed via e-mail on December 5, 2014, and provided his response to the interview question on December 10, 2014. Mr. Trapp is the Director of Engineering and Planning for MidAmerica St. Louis Airport.

As stated in his e-mail response, Mr. Trapp said he was not aware of any spills or releases of hazardous substances on the Property other than what is documented in the environmental reports provided, and was unaware of any other recognized environmental conditions associated with the Property. Mr. Trapp confirmed that herbicides and pesticides are used on the Property, but they have not been stored on the Property since its purchase by St. Clair County. The agricultural property is managed by Farmers National Company, a landowner services company. Mr. Trapp was informed of the two ASTs found during the Property site inspection and was asked to provide any information he had regarding the tanks. He said he was not aware of the two tanks. However, upon closer inspection, it appeared the two tanks are actually located outside the Property limits. He provided a drawing showing the two tank locations. According to Mr. Trapp, the trailer-mounted tank located on the southwestern corner is abandoned farm equipment that appears to be a sprayer tank used for agricultural purposes. The other tank was associated with an abandoned pump and water well.

6.2.2 Helpful Documents

Mr. Trapp did provide a conceptual site plan drawing created by MidAmerica St. Louis Airport showing the ASTs located outside the conceptual site plan boundary. He also provided Phase I ESAs for each of the parcels that comprise the Property. Mr. Trapp was to search for documentation to show that the recommendations stated in the previous Phase I ESAs were completed, but no documentation was found prior to the completion of this report.

6.3 Interviews with Occupants

This section is not applicable because there are no occupants on the Property.

ES093014083520ATL 6-1

6.4 Interviews with Local Government Officials

6.4.1 O'Fallon District Fire Department

Mr. Brent Saunders of the O'Fallon District Fire Department was contacted on December 12, 2014. He had no knowledge or records of any incidents that would affect the environmental condition of the property.

6.4.2 Lebanon-Emerald Emerald Mound Volunteer Fire Department

Mr. Andy Brockhahn of the Lebanon-Emerald Mound Volunteer Fire Department responded to an e-mail request on December 31, 2014. He had no knowledge or records of any incidents that would affect the environmental condition of the Property.

6.4.3 St. Clair County Health Department

Kevin Hutchison, Executive Director of the St. Clair County Health Department, responded to a request for any environmental records related to the Property. No records, however, were found.

6-2 ES093014083520ATL

SECTION 7.0

Findings

The findings of this Phase I ESA are as follows:

- A previous Phase I ESA reported oil-stained soil on Parcel 59 and recommended additional
 evaluation. The staining was later determined to be *de minimis*. However, according to the
 MidAmerica St. Louis Airport records, the stained soil was later removed (MidAmerica, 2015a).
- Records showed that six septic systems were on the Property. According to MidAmerica St. Louis
 Airport records, all six septic tanks were removed and properly closed (MidAmerica, 2015a;
 MidAmerica, 2015b).
- Records showed that nine domestic water supply wells were on the Property. Only one well was
 identified during the visual site inspection. According to MidAmerica St. Louis Airport records, all
 nine wells were properly abandoned (MidAmerica, 2015a; MidAmerica, 2015b).
- Records indicate that ACM was found in buildings that were previously located on the Property.
 According to MidAmerica St. Louis Airport records, ACM was removed prior to demolition of buildings on Parcels 55, 56, 57, 58, 59, and 61 (MidAmerica, 2015a; MidAmerica, 2015b). A small abandoned shed containing ACM is located on Parcel 18. MidAmerica St. Louis Airport is in the process of removing the ACM and demolishing the building. The demolition is scheduled for completion in June 2015 (Trapp, 2015).
- Former buildings on the Property constructed before 1978 may have had LBP. No LBP surveys were
 available for review. If LBP existed, it is unknown whether it was abated prior to demolition or if
 precautions were taken to ensure there were no releases of LBP to the environment.
- The former Cardinal Creek Housing Area on Scott AFB borders the Property to the south.

 Constructed in 1952, the former housing area was treated for termites between 1960 and 1980 using chlordane. As a result, the soil at the site was contaminated with pesticides. In 1999, the complex was vacated and subsequently demolished. In 2013, the southern portion of the site was remediated for construction of the Defense Information Management Agency. Soil sampling was conducted and nine waste management areas were identified where contaminated soil would be excavated (375th Engineer Squadron, 2013). None of the nine waste management areas is located on or adjacent to the Property, and contamination is limited to the soil. Therefore, the site is not likely to affect the environmental condition of the Property.
- The former gas station on Parcel 99 is located approximately 700 feet east of the southeastern corner of the Property. The site functioned as a gas station between 1952 and the early 1980s before it was

ES093014083520ATL 7-1

vacated. In 1997, St. Clair County acquired the site and demolished the building. A Phase I ESA occurred at the site in 1997 and identified one existing UST and several removed USTs. A Phase II ESA confirmed the presence of one UST and indicated the likely presence of three other USTs that were abandoned in the 1970s. An interview revealed that several other USTs had been installed and removed, but left on the property until 1989. Soil contamination was confirmed during the Phase II ESA but no evidence of groundwater contamination was detected. The five out-of-service USTs and 684.9 cubic yards of contaminated soil were removed in 1997. There are no records that indicate that further remediation was conducted after 1997. Personnel from MidAmerica St. Louis Airport indicated in 2013 that all necessary physical remedial actions had been completed but the site remained open due to properly filing the paperwork. MidAmerica provided an NFR letter from the IEPA dated April 2015 for closure with no restrictions or engineering controls for the LUST case on Parcel 99 (IEPA, 2015).

7-2 ES093014083520ATL

SECTION 8.0

Opinion

This section presents the opinion(s) concerning the impact on the conditions identified in Section 7 and the logic and reasoning used in evaluating information collected during the investigation. In the opinion of the Environmental Professionals conducting the investigation and preparing this ESA report, the conditions described in Section 7 have resulted in the following environmental conditions or concerns at the Property.

8.1 Recognized Environmental Conditions

RECs are defined as the presence or likely presence of a hazardous substance or petroleum product on the property under conditions that indicate an existing release, a past release, or material threat of a release of hazardous substances or petroleum products into the structures of the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with applicable laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject to enforcement action if brought to the attention of the appropriate government agencies.

The ESA did not find evidence of any RECs on the Property.

8.2 Controlled Recognized Environmental Conditions

A controlled recognized environmental condition (CREC) is defined in the ASTM guidelines as an REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (as evidenced by the issuance of an NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (such as, property use restrictions, activity use limitations (AULs), institutional controls, or engineering controls).

The ESA did not find evidence of any CRECs on the Property.

8.3 Historical Recognized Environmental Conditions

A historical REC is defined as one that in the past would have been considered an REC, but which is not currently considered an REC. If a past release of a hazardous substance or petroleum product has occurred in connection with the Property and has been remediated, with such remediation accepted by a responsible regulatory agency, this condition is considered a historical REC. A historical REC is not an REC.

The ESA did not find evidence of any historical RECs on the Property.

ES093014083520ATL 8-

8.4 *De Minimis* Conditions

De minimis conditions are conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject to an enforcement action if brought to the attention of the appropriate government agencies. Conditions determined to be *de minimis* are not RECs.

The ESA found evidence of the following de minimis condition on the Property:

A previous Phase I ESA reported oil-stained soil on Parcel 59 and recommended additional
evaluation. The staining was later determined to be *de minimis*. However, according to the
MidAmerica St. Louis Airport records, the stained soil was later removed (MidAmerica, 2015a).

8.5 Findings Not Resulting in any above Condition

The findings did not result in a *de minimis* condition, historical REC, or REC. However, the following potential environmental concern was identified:

- Records indicate that ACM was found in buildings that were previously located on the Property. According to MidAmerica St. Louis Airport records, ACM was removed prior to demolition of buildings on Parcels 55, 56, 57, 58, 59, and 61 (MidAmerica, 2015a; MidAmerica, 2015b). A small abandoned shed containing ACM is located on Parcel 18. MidAmerica St. Louis Airport is in the process of removing the ACM and demolishing the building. The demolition is scheduled for completion in June 2015 (Trapp, 2015).
- Records showed that six septic systems were on the Property. According to the MidAmerica St. Louis
 Airport records, all six septic tanks were removed and properly closed (MidAmerica, 2015a;
 MidAmerica, 2015b).
- Records showed that nine domestic water supply wells were on the Property. Only one well was
 identified during the visual site inspection. According to MidAmerica St. Louis Airport records, all
 nine wells were properly abandoned (MidAmerica, 2015a; MidAmerica, 2015b).
- Former buildings on the Property constructed before 1978 may have had LBP. No LBP surveys were
 available for review. If LBP existed, it is unknown whether it was abated prior to demolition or if
 precautions were taken to ensure there were no releases of LBP to the environment.
- The former Cardinal Creek Housing Area on Scott AFB borders the Property to the south. Constructed in 1952, the former Cardinal Creek Housing Area was treated for termites between 1960 and 1980, using chlordane. As a result, the soil at the site was contaminated with pesticides. In 1999, the complex was vacated and subsequently demolished. In 2013, the southern portion of the site was remediated for construction of the Defense Information Management Agency. Soil sampling was conducted and nine waste management areas were identified where contaminated soil would be excavated (375th Engineer Squadron, 2013). None of the nine waste management areas is located on

8-2 ES093014083520ATL

- or adjacent to the Property, and contamination is limited to the soil. Therefore, the site is not likely to affect the environmental condition of the Property.
- The former gas station on Parcel 99 is located approximately 700 feet east of the southeastern corner of the Property. The property functioned as a gas station between 1952 and the early 1980s before it was vacated. In 1997, St. Clair County acquired the property and demolished the building. A Phase I ESA occurred at the site in 1997 and identified one existing UST and several removed USTs. A Phase II ESA confirmed the presence of one UST and indicated the likely presence of three other USTs that were abandoned in the 1970s. An interview revealed that several other USTs had been installed and removed, but left on the property until 1989. Soil contamination was confirmed during the Phase II ESA but no evidence of groundwater contamination was detected. The five out-of-service USTs and 684.9 cubic yards of contaminated soil were removed in 1997. There are no records that indicate that further remediation was conducted after 1997. Personnel from MidAmerica St. Louis Airport indicated in 2013 that all necessary physical remedial actions had been completed but the site remained open due to properly filing the paperwork. MidAmerica St. Louis Airport provided an NFR letter from the IEPA dated April 2015 for closure with no restrictions or engineering controls for the LUST case on Parcel 99 (IEPA, 2015).

ES093014083520ATL 8-

SECTION 9.0

Conclusions

CH2M HILL performed this Phase I ESA of the Property in conformance with the scope and limitations of ASTM E1527-13. The Property consists of 11 parcels as described in Section 2.1. Any exceptions to, or deletions from, this Practice are described in Section 1.4.

No RECs, controlled RECs, or historical RECs were found on the Property. According to available records, *de minimis* staining was observed on Parcel 59, but the stained soil has been removed.

Several conditions were not identified as RECs but have the potential be an environmental concern. According to available MidAmerica St. Louis Airport records, asbestos abatement was performed prior to demolition buildings on Parcels 55, 56, 57, 58, 59, and 61 of the Property. A small abandoned shed containing ACM is located on Parcel 18. MidAmerica St. Louis Airport is in the process of removing the ACM and demolishing the building. The demolition is scheduled for completion in June 2015 (Trapp, 2015). All nine domestic water supply wells were properly abandoned on the Property. The county health department requires proper abandonment of wells. Additionally, records show that all six septic tanks located on the Property were removed and properly closed.

ES093014083520ATL 9-

SECTION 10.0

Deviations

The Phase I ESA was performed in accordance with ASTM E1527-13 and is limited to the methodology set forth in the Practice. Deviations from the Practice include the following:

- Interviews with the previous and adjacent property owners were not performed.
- Aerial photographs at 5-year intervals were reviewed for the following years: 2012, 2010, 2009, 2007, 2006, 2005, 2004, 2003, 1998, 1994, 1990, 1971, and 1954.
- City directory information was reviewed for the following years: 2013, 2008, 2003, 1999, 1995, 1990, 1985, 1980, 1975, and 1970. Business directories and city directories, including city, cross-reference, and telephone directories, were reviewed, if available, for approximately 5-year intervals. Based on the city directory abstracts from Environmental Data Resources, Inc. (EDR), there were no previous uses of the Property or adjacent properties that would be suspected of degrading the environmental quality.
- Fire insurance maps (Sanborn Maps) were not available for review because a search of the property in The Sanborn Library, LLC, indicated that the Property is unmapped.
- Not all of the Property could be observed for visual evidence of releases because the site was covered in snow during the Property reconnaissance.

ES093014083520ATL 10-1

SECTION 11.0

Additional Services

No additional services outside the scope of work were provided.

ES093014083520ATL 11-1

SECTION 12.0

References

375th Civil Engineer Squadron. 2009. Environmental Baseline Survey [EBS] for Norfolk Southern Railroad License for Patriots Landing Crossing Scott Air Force Base, Illinois. Asset Management Flight. Scott Air Force Base, Illinois. June 11.

375th Civil Engineer Squadron. 2010a. Environmental Baseline Survey [EBS] for Installation of Off-Base Groundwater Wells on St. Clair County Property, Real Estate License – Revision 1, Scott Air Force Base, Illinois. Asset Management Flight. Scott Air Force Base, Illinois. December 7.

375th Civil Engineer Squadron. 2010b. Environmental Baseline Survey [EBS] for Lincoln's Landing Pedestrian Crossing and Easements, Scott Air Force Base Illinois. Asset Management Flight. Scott Air Force Base, Illinois. March 11.

375th Civil Engineer Squadron. 2012. Environmental Baseline Survey for Right of Entry Agreement at Scott Field Heritage Air Park, Scott Air Force Base, Illinois. Asset Management Flight. Scott Air Force Base, Illinois. August 2.

375th Civil Engineer Squadron. 2013. Environmental Baseline Survey for Amending Perpetual License Between the 375th AMW and the 126th ARW, Scott Air Force Base, Illinois. Installation Management Flight, Scott Air Force Base, Illinois. November 15.

Air Force Civil Engineering Center (AFCEC). 2013. Final Environmental Baseline Survey Supporting Gate Complex Construction at Scott Air Force Base, Illinois. Joint Base San Antonio. August.

Air Force Civil Engineering Center (AFCEC). 2014. *Environmental Assessment Addressing Gate Complex Construction at Scott Air Force Base, Illinois*. Joint Base San Antonio. April.

American Water. 2013. *Annual Water Quality Report for Scott Air Force Base*. PWS ID: IL1635237. http://www.amwater.com/ilaw/water-quality-and-stewardship/water-quality-reports.html

Collingham, Brian J. 2015. Memorandum for Record for Real Estate Transaction: Environmental Baseline Recertification for Amending Right-of-Entry (ROE) Agreement with St. Clair County for Off-Base Monitoring Wells, Scott AFB, Illinois. 375 CES/CEI. March 19.

Deck, Raymond R. 2014. Memorandum for Record for Real Estate Transaction: Recertification of Environmental Baseline Surveys (EBSs) to Grant a Right of Entry to Repair and/or Replace Perimeter Fence on Scott AFB, Illinois. 375 CES/CEI. July 22.

Environmental Data Resources, Inc. (EDR). 2014a. The EDR Radius Map Report with GeoCheck. September.

ES093014083520ATL 12-1

Environmental Data Resources, Inc. (EDR). 2014b. *The EDR Historical Topographic Map Report*. September.

Environmental Data Resources, Inc. (EDR). 2014c. The EDR Aerial Photo Decade Package. September.

Environmental Data Resources, Inc. (EDR). 2014d. The EDR-City Directory Abstract. September.

Illinois Environmental Protection Agency (IEPA). 2015. St. Clair County Belleville/Scott Air Force Base, Wherry House Road, Leaking UST Incident Number 962372 – No Further Remediation Letter. April 17, 2015.

Kaskaskia Engineering Group, LLC. 2013. Condensed Environmental Assessment FAI 64/Rieder Road. 18 November.

Kuhlmann Design Group, Inc. (Kuhlmann). 1993a. Site Reconnaissance and Phase I Site Assessment, Parcel 18 (O'Brien), Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1993b. Site Reconnaissance and Phase I Site Assessment, Parcel 53 (Weymouth), Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1993c. Site Reconnaissance and Phase I Site Assessment, Parcel 58 (Wagner), Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1993d. Site Reconnaissance and Phase I Site Assessment, Parcel 59 (Smiley/McManus), Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1993e. Site Reconnaissance and Phase I Site Assessment, Parcel 61 (Kohl), Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1994. Site Reconnaissance and Phase I Site Assessment, Parcel 57 (Spring Valley Baptist Church), Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1995a. Site Reconnaissance and Phase I Site Assessment, Parcel 54, Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1995b. Site Reconnaissance and Phase I Site Assessment, Parcel 55 (Bisenburger), Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1995c. Site Reconnaissance and Phase I Site Assessment, Parcel 56 (Donner), Scott Joint Use Airport, Phase I Property Acquisition.

Kuhlmann Design Group, Inc. (Kuhlmann). 1995d. Surface Oil Spill Investigation Report, Parcel 59, Scott Joint Use Airport, Phase II Soil Screening and Sampling.

MidAmerica St. Louis Airport Engineering and Planning (MidAmerica). 2015a. Memorandum Next NGA West- St. Clair County Site Environmental History – Parcel Summary: 53, 54, 58, 59, 61. January 20, 2015.

12-2 ES093014083520ATL

MidAmerica St. Louis Airport Engineering and Planning (MidAmerica). 2015b. Memorandum Next NGA West- St. Clair County Site Environmental History – Parcel Summary: 18, 55, 56, 57, 59, 99. January 26, 2015.

Natural Resources Conservation Service. 2014. "Online Web Soil Survey." http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx. Accessed 17 November 2014.

Scott Air Force Base (AFB). 2000. Environmental Baseline Survey Permit Renewal for Federal Aviation Administration Facilities 1088 (RTR) and 5485 (ASR-9). Illinois. July.

Trapp, Dan/MidAmerica. 2015. Personal communication with Sara Kent/CH2M HILL. March 31, 2015.

U.S. Environmental Protection Agency (USEPA). 2014. *Where You Live, Illinois Radon Levels*. http://www.epa.gov/radon/states/illinois.html, Accessed 17 November 2014.

U.S. Air Force (USAF). 1991. Final Environmental Impact Statement for Joint Military-Civilian Use of Scott Air Force Base, Illinois. Volume 1: Impacts Analysis. Headquarters Military Air Lift Command. July 1991.

United States Air Force (USAF). 2011a. Department of the Air Force Permit to Federal Aviation Administration (FAA) (Airport Surveillance Radar [ASR-9]) For Real Property Location on Scott Air Force Base, Illinois. Permit No. O/PERM/AMC/SCT-11-0001.

United States Air Force (USAF). 2011b. Department of the Air Force Permit to Federal Aviation Administration (FAA) (Remote Transmitter/ Receiver and Sector Field Office [RTR/SFO]) For Real Property Location on Scott Air Force Base, Illinois. Permit No. O/PERM/AMC/SCT-11-0002.

ES093014083520ATL 12-3

SECTION 13.0

Signature of Environmental Professional

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10. I have specific qualifications (see Section 14) based on education, training, and experience to assess the nature, history, and setting of the Property. This investigation is in general conformance with the standards and practices set forth in 40 CFR 312. Qualifications of Environmental Professionals are included in **Appendix F**.

Mike Brose

Task Manager

Mishael Brose

David Stieb

Senior Reviewer

David Stret

ES093014083520ATL 13-1

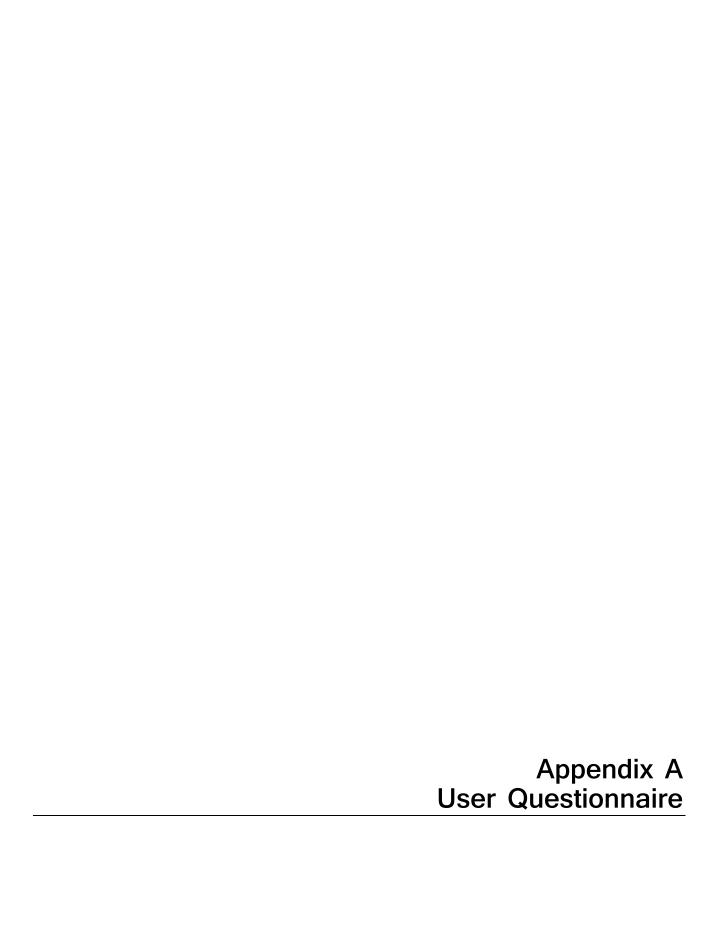
SECTION 14.0

Qualifications of Environmental Professionals

Resumes of the Environmental Professionals involved in the preparation of this report are located in **Appendix F** and include the following:

- Mike Brose Task manager and report writing
- David Stieb Technical support and quality control

ES093014083520ATL 14-1



AAI Questionnaire-Site - Scott AFB-MidAmerica

In accordance with ASTM 1527-05 and in order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the user (client or client representative) must provide the following information (if available) to the *environmental professional* (CH2M HILL). Failure to provide this information could result in a determination that "all appropriate inquiry" (AAI) is not complete.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

None known. A condensed Environmental Assessment that includes approximately half of the site was completed in November 2013 for the nearby Interstate 64 interchange. The original EIS for the airport is also available.

2. Are you aware of any area use limitations (AULs), such as engineering controls, land use restriction or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, trial, state or local law?

It is zoned as an Airport Overlay Zone allowing agricultural and government uses and buildings. FAA approved land use for concurrent non-aeronautical development. Building height limit would be 134.2 feet assuming a site elevation of 483 feet since the FAR Part 77 surface restricts object height to 616.7 feet AMSL at the site.

3. As the *user* of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property, so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Site use is all agricultural. Previous site uses included residential and agricultural. All parcels are owned by St. Clair County. Site is adjacent to Scott Air Force Base, which is an active air force base.

4. Does the purchase price being paid for this property reasonable reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

No appraisal has been conducted.

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases?

A condensed Environmental Assessment that includes approximately half of the site was completed in November 2013 for the nearby interstate 64 interchange. The original EIS for the airport is also available.

a. Do you know the past uses of the property?

Yes, residential and agricultural.

b. Do you know of specific chemicals that are present or once were present at the property?

Per the 2013 EA referenced previously, de minimis conditions identified within the site limits were: likely pesticides, likely herbicides, potentially asbestos containing material (ACM), and potentially lead paint.

c. Do you know of spills or chemical releases that have taken place at the property?

None known.

d. Do you know of any environmental cleanups that have taken place at the property?

None known. Underground storage tanks were removed from a location on parcel 09-02.0-300-011, but outside of the proposed site limits. The tanks were removed and 20 day and 45 day reports were submitted to IEPA in 1997. However, a No Further Remediation letter was never issued by IEPA. Reference IEMA #962732. Additional information is available.

6. As the *user* of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

None known.

In addition to the above questions, certain information should be collected, if available, and provided to the *environmental professional*. This information is intended to assist the *environmental professional*, but is not necessarily required to qualify for one of the LLPs.

7	TD1 1	41 120 4		/· 1	1	1	
1.	The reason wh	v the ESA	A is required	(1.e. sale.	burchase.	exchange.	etc.).

Purchase

8. The complete name, correct address and/or parcel number for the property (a map or other documentation showing property location and boundaries is helpful).

The parcel is bounded by Wherry Road on the north and east and Scott Air Force Base on the south in St. Clair County, Illinois. Maps are provided.

The site is located on the following parcels: 09-02.0-300-011, 09-02.0-300-010, 09-03.0-401-007, 09-03.0-401-001, 09-03.0-400-005, 09-03.0-401-005, 09-03.0-400-006, 09-03.0-401-008, 09-03.0-400-007, 09-03.0-401-006, and 09-03.0-401-004.

9. A description of the property (i.e., acreage, square footage, number of buildings, other structures, age of buildings, above/underground storage tanks, etc.)

Size: 178 acres.

10. Knowledge or previous owners and/or previous uses of the property?

Area has been farmed in the past.

11. Current or previous deeds?

To be requested.

12. The site contact name and number.

Tim Cantwell
Director, MidAmerica St. Louis Airport
9656 Air Terminal Drive
Mascoutah, Illinois, 62258
www.flymidamerica.com
618 566 5240

Daniel J. Trapp, P.E. Director of Engineering and Planning 9768 Airport Boulevard Mascoutah, Illinois, 62258-5500 www.flymidamerica.com

E-mail: dan.trapp@flymidamerica.com

Phone: 618 566 5322 Cell: 618 406 4291

Siri Vikan Airport Engineer 9768 Airport Boulevard Mascoutah, Illinois, 62258-5500

www.flymidamerica.com

E-mail: siri.vikan@flymidamerica.com

Phone: 618 566 5359 Cell: 618 407 4128

13. Previous reports available? Any other available documentation, correspondence, etc. concerning the environmental condition of the property?

A condensed Environmental Assessment that includes approximately half of the site was completed in November 2013 for the nearby interstate 64 interchange. The original EIS for the airport is also available.



St. Clair County Cherry Grove School Road Scott Air Force Base, IL 62225

Inquiry Number: 4175445.1

01/30/2015

The EDR 1940 Chain of Title



EDR Chain of Title

The EDR Chain of Title Report tracks a line of successive owners from the present back to 1940 of a particular parcel of property, linked together by recorded transactions which pass title. Available nationwide, this report provides a summary of a property's ownership history and is a valuable source for determining the prior uses of a property

A network of professional abstractors following established procedures, uses client supplied address Information to locate:

- Historical Chain of Title research
- Leases and Miscellaneous

Thank you for your business.

Please contact EDR at 1-800-352-0050 with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This report was prepared for the use of Environmental Data Resources, Inc., and Ameristar Information Network, LLC., exclusively. This report is neither a guarantee of title, a commitment to insure, nor a policy of title insurance. **NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT.** Environmental Data Resources, Inc. (EDR) and Ameristar Information Network, LLC specifically disclaim the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

TARGET PROPERTY INFORMATION

ADDRESS

ST. CLAIR COUNTY CHERRY GROVE SCHOOL ROAD SCOTT AIR FORCE BASE, IL 62225

Research Source

Source 1: Clair County Recorder of Deeds

Source 2:

Examiner's Note: Public records of Clair County, Illinois were searched from January 1, 1940 to January 14, 2015 and no other deeds

vesting title in the subject property were found of record during the period searched.

PROPERTY DESCRIPTION

Current Owner: County of St. Clair, Illinois, a Municipal corporation

Legal Description: LOTS NO. 9, 12, 13 AND 14 IN THE SOUTH ONE-HALF OF SECTION NO. 2, TOWNSHIP 1 NORTH, RANGE 7 WEST

OF THE THIRD PRINCIPAL MERIDIAN; REFERENCE BEING HAD TO THE PLAT THEREOF RECORDED IN THE RECORDER'S OFFICE-OF ST. CLAIR COUNTY, ILLINOIS, AND BEING MORE FULLY DESCRIBED IN BOOK 3012,

PAGE 1222 IN THE DEED RECORDS OF CLAIR COUNTY, ILLINOIS.

Property Identifiers: 09020300011

General Comments:

HISTORICAL CHAIN OF TITLE

See Exhibit "A"

LEASES AND MISCELLANEOUS

See Exhibit "B"

Chain of Title

Exhibit "A"

HISTORICAL CHAIN OF TITLE

PARCEL NO. 1

Chain 1

Type of Deed: Deed

Title is vested in: County of St. Clair

Title received from: James A. Biethman, et al

 Date Executed:
 01/09/1995

 Date Recorded:
 01/17/1995

 Book:
 3012

 Page:
 1222

Volume:

Instrument #: A01262327

Docket:

Land Record Comments: According to county records, the above document is an Order Vesting Title and is the last document of record.

See attached Judicial Deed, recorded on October 6, 1994 in Book 2998, Page 1357.

LEASES and MISCELLANEOUS

Exhibit "B"

LEASES and MISCELLANEOUS

Type of Instrument: First Party: Second Party: Recorded: Book: Page:
Document No.:
Comments:
Type of Instrument:
First Party:
Second Party:
Recorded:
Book:
Page:
Document No.:
Comments:

RESEARCH FORM 2000

PROPERTY VALUE INFORMATION SECTION

TARGET PROPERTY INFORMATION

PARCEL NO/APN:

09020300011

LAND VALUE:

N/A

BUILDING/IMPROVEMENTS:

N/A

TOTAL VALUE:

Estimated \$76,596

SPECIAL COMMENTS:

N/A

VESTING DEED INFORMATION SECTION

D1 (Current deed)

DOCUMENT TYPE:

DEED

ed) GRANTEE:

County of St. Clair

GRANTOR:

James A. Biethman, et al

EXECUTED:

January 9, 1995

RECORDED:

January 17, 1995

DOCUMENT REFERENCE:

Book: 3012

Paris

Page: 1222

Instrument Number:

DC11

(This is the

see below)

only deed, the

other deed is a comment,

According to county records, the above document is an Order Vesting Title and is the last document of record. See attached Judicial Deed, recorded on October 6, 1994 in Book

2998, Page 1357.

5057 3012 cast 1222

IN THE CIRCUIT COURT OF THE TWENTIETH JUDICIAL CIRCUIT ST. CLAIR COUNTY, ILLINOIS

COUNTY OF ST. CLAIR, A Municipal Corporation,

Plaintiff,

VE.

JAMES A. BIETHMAN, FARM CREDIT BANK OF ST. LOUIS n/k/a AGRIBANK, CONSOLIDATED INSURANCE) AGENCY, INC., BERNARD A. REINERT)
TRUSTEE FOR UNITED FIRE AND CASUALTY COMPANY, MAGNA BANK OF CENTRALIA, FIRST BANK, LARRY STRACK, D.D. BALLINGER, PAUL HAAS, St. Clair County Treasurer and Unknown Owners,

Defendants.

94-ED-16 No.

Parcel #699

Permanent Parcel No. 09-02-0-300-011

STATE OF ILLINES

95 JAN 17 PM 1: 16

RECORDER

ORDER VESTING TITLE

This cause coming on to be heard on a Motion of plaintiff for immediate vesting of title in plaintiff to a certain parcel described in plaintiff's Motion, as Parcel #099 and it appearing to this Court that on the 1st day of November, 1994, it found, adjudged and ordered the amount constituting just compensation for the taking of Parcel #099 to be \$570,000.00.

It further appearing to the Court that the plaintiff, on the 30th day of December, 1994, deposited with the Treasurer of St. Clair County, Illinois, the total sum of \$570,000.00 the amount so found to be due by this Court.

IT IS HEREBY ORDERED, ADJUDGED and DECREED that plaintiff be vested with fee simple title to the following described property on the 4 day of , 199 5. Parcel #099

NO FEE

See Exhibit "A"

IT IS FURTHER ORDERED, ADJUDGED AND DECREED that any withdrawal of funds deposited as praliminary just compensation shall be subject to the payment of any and all real estate taxes due and payable up to the date of vesting of title in the plaintiff. Said real estate taxes which are a lien on the property, but not yet due and payable, shall be paid prorate, based upon the previous year's taxes, which are due and payable.

ENTERED this _____ day of _

1995.

JUDGE

American -

LOTS NO. 9, 12, 18 AND 14 IN THE SOUTH ONE-HALF OF SECTION NO. 2. TOWNSHIP 1 NORTH, RANGE 7 WEST OF THE THIRD PRINCIPAL MERIDIAN; REFERENCE BEING HAD TO THE PLAT THEREOF RECORDED IN THE RECORDER'S QFFICE-OF ST. CLAIR COUNTY, ILLINOIS, IN BOOK OF PLATS "A" ON PAGE 255;

EXCEPTING THAT PART THEREOF CONVEYED TO THE COUNTY BOARD OF SCHOOL TRUSTEES, OF ST. CLAIR COUNTY, ILLINOIS, FOR THE USE AND BENEFIT OF COMMUNITY CONSOLIDATED SCHOOL DISTRICT NO. 10, ST. CLAIR COUNTY, ILLINOIS, BY DEED FROM ILLINOIS STATE TRUST COMPANY, A CORPORATION OF ILLINOIS, NOT PERSONALLY BUT AS TRUSTEE UNDER THE PROVISIONS OF A DEED OR DEEDS IN TRUST DULY EXECUTED AND DELIVERED TO SAID ILLINOIS STATE. TRUST COMPANY IN PURSUANCE OF A CERTAIN TRUST AGREEMENT DATED THE 13TH DAY OF SEPTEMBER, 1950, AND KNOWN AS TRUST NUMBER 2639, DATED DECEMBER 5, 1967 AND RECORDED DECEMBER 12, 1967, IN BOOK 2096 ON PAGE 627, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

A TRACT OF LAND BEING A PART OF THE EAST HALF OF THE SOUTH WEST QUARTER AND PART OF THE WEST HALF OF THE SOUTH EAST QUARTER OF SECTION 2 IN TOWNSHIP 1 NORTH, RANGE 7 WEST OF THE 3RD PRINCIPAL MERIDIAN, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

BEGINNING AT A POINT 88.20 FEET WEST OF THE SOUTH WEST CORNER OF THE SOUTH EAST ONE-FOURTH OF SECTION 2, IN TOWNSHIP 1 NORTH, RANGE 7 WEST OF THE SRD PRINCIPAL MERIDIAN, WHICH POINT IS THE CENTER OF THE EXISTING ROAD ENTRANCE OF THE DALEY LEWIS ACRES HOUSING AREA IN SCOTT AIR FORCE BASE; THENCE NORTH ALONG THE LAST SAID ROAD CENTERLINE, A DISTANCE OF 1860 FEET TO A POINT; THENCE EAST, A DISTANCE OF 80 FEET TO A POINT IN THE EAST RIGHT OF WAY LINE OF THE SAID EXISTING ROAD (80 FEET WIDE) BEING THE POINT OF BEGINNING OF THE TRACT OF LAND BEING HEREIN DESCRIBED; THENCE CONTINUING EAST, A DISTANCE OF 690 FEET TO A POINT; THENCE WORTH, A DISTANCE OF 691.43 FEET TO A POINT; THENCE WEST, A DISTANCE OF 680 FEET TO A POINT; THENCE WEST, A DISTANCE OF 681.43 FEET TO FEET TO THE EXISTING ROAD; THENCE SOUTH ALONG SAID EAST RIGHT OF WAY LINE, A DISTANCE OF 691.43 FEET TO THE POINT OF BEGINNING.

EXCEPTING, HOWEVER, ONE (1) ACRE SOLD TO THE TRUSTEES OF SCHOOLS OF TOWNSHIP 1 NORTH, RANGE 7 WEST BY DEED DATED JULY 19, 1888, AND RECORDED IN SAID RECORDER'S OFFICE IN BOOK 197 ON PAGE 436, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

ONE ACRE BEING PART SOUTH WEST PART OF SOUTH WEST ONE-FOURTH OF SECTION 2 IN TOWNSHIP I NORTH, RANGE 7 WEST, COMMENCING AT A POINT IN-THE WEST LINE OF SAID QUARTER SECTION FROM WHICH THE SOUTH WEST CORNER OF SAID SECTION 2 BEARS SOUTH 2 CHAINS DISTANT; THENCE NORTH ALONG LINE 4 CHAINS; THENCE EAST 2.50 CHAINS FROM WHICH NORTH EAST CORNER OF THE FOUNDATION OF SCHOOL HOUSE BEARS SOUTH 48 1/2 DEGREES WEST 1 CHAIN DISTANT; THENCE SOUTH 4 CHAINS; THENCE WEST 2.50 CHAINS TO THE POINT OF

BEGINNING.

EXCEPTING, FURTHER, THAT PART THEREOF CONVEYED TO UNITED STATES OF AMERICA BY DEED DATED MARCH 23, 1943, AND RECORDED IN SAID RECORDER'S OFFICE IN BOOK 995 ON PAGE 126, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

THAT PART OF THE SOUTH WEST ONE-FOURTH OF THE SOUTH WEST ONE-FOURTH OF SECTION 2 IN TOWNSHIP 1 NORTH, RANGE 7 WEST OF THE SRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, ILLINOIS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

BEGINNING AT THE SOUTH WEST CORNER OF SAID SECTION 2; THENCE RUNNING NORTH 0 DEGREES 21 1/2 MINUTES WEST, 182 FEET; THENCE SOUTH 89 DEGREES 28 1/2 MINUTES EAST, 165 FEET; THENCE NORTH 0 DEGREES 21 1/2 MINUTES WEST, 264 FEET; THENCE NORTH 89 DEGREES 28 1/2 MINUTES WEST, 165 FEET; THENCE NORTH 0 DEGREES 21 1/2 MINUTES WEST, 9 FEET; THENCE SOUTH 89 DEGREES 28 1/2 MINUTES EAST, 906.5 FEET; THENCE SOUTH 6 DEGREES 36 MINUTES WEST, 407.2 FEET; THENCE NORTH 89 DEGREES 28 1/2 MINUTES WEST, 857.2 FEET TO THE POINT OF BEGINNING.

EXCEPTING, FURTHER, THAT PART THEREOF CONVEYED TO THE UNITED STATES OF AMERICA AND ITS ASSIGNS, BY WARRANTY DEED FROM ILLINOIS STATE TRUST COMPANY, A CORPORATION OF ILLINOIS, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED JUNE 8, 1980 AND KNOWN AS TRUST NO. 2602, DATES MARCH 25, 1982, AND RECORDED MARCH 27, 1982 IN BOOK 1245 ON PAGE 540, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

COMMENCING AT THE SOUTH WEST CORNER OF THE SOUTH WEST ONE-FOURTH OF SAID SECTION 2; THENCE EAST ON THE SOUTH LINE OF SAID SOUTH WEST ONE-FOURTH, A DISTANCE OF \$57.2 FEET WHICH IS THE POINT OF BEGINNING; THENCE NORTH 06 DEGREES 36 MINUTES 00 SECONDS EAST 407.2 FEET; THENCE SOUTH 89 DEGREES 28 MINUTES 63 SECONDS EAST, 300 FEET TO A POINT; THENCE SOUTH 405.06 FEET TO A POINT IN THE SOUTH LINE OF SAID QUARTER-QUARTER; THENCE NORTH 89 DEGREES 28 MINUTES 58 SECONDS WEST ALONG SAID SOUTH LINE 349 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

EXCEPTING, FURTHER, THAT PART THEREOF CONVEYED TO MARIE A. DOUGHERTY BY QUIT CLAIM DEED DATED MARCH 15, 1985 AND RECORDED APRIL 5, 1985 IN BOOK 1947 ON PAGE 213, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

THAT PART OF THE WEST ONE-HALF OF THE SOUTH WEST ONE-FOURTH OF SECTION 2 IN TOWNSHIP 1 NORTH RANGE 7 WEST OF THE SRD PRINCIPAL MERIDIAN, BEING A PART OF LOT 14 AS DESIGNATED ON THE PLAT RECORDED IN THE RECORDER'S OFFICE OF ST. CLAIR COUNTY, ILLINOIS, IN BOOK OF PLATS "A" ON PAGE 255, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

and the same

COMMENCING AT A POINT ON THE EAST LINE OF SAID WEST ONE-HALF OF THE SOUTH WEST ONE-FOURTH OF SECTION 2, SAID POINT BEING 1305.54 FEET NORTH OF THE SOUTH EAST CORNER OF SAID WEST ONE-HALF; THENCE WEST ALONG SAID LINE FORMING AN ANGLE OF 90 DEGREES 49. MINUTES 55 SECONDS WITH SAID EAST LINE OF THE WEST ONE-HALF, AS MEASURED CLOCKWISE FROM SOUTH TO WEST, A DISTANCE OF 327.95 FEET, TO THE POINT OF BEGINNING; THENCE CONTINUING WEST, ALONG AN EXTENSION OF THE LAST DESCRIBED LINE, A DISTANCE OF 270.00 FEET; THENCE SOUTH AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, A DISTANCE OF 100.00 FEET; THENCE EAST AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, A DISTANCE OF 270.00 FEET; THENCE NORTH AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, A DISTANCE OF 100:00 FEET TO THE POINT OF BEGINNING.

EXCEPTING, FURTHER, THAT PART THEREOF CONVEYED TO HENRY C. BECK COMPANY, A CORPORATION AND UTAH CONSTRUCTION COMPANY, A UTAH CORPORATION, AND R. H. HOPKINS BY QUIT CLAIM DEED FROM ILLINGIS STATE TRUST COMPANY, A CORPORATION, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST DATED SEPTEMBER 13, 1950, AND KNOWN AS TRUST NO. 2639, DATED FEBRUARY 18, 1952, AND RECORDED JULY 23, 1952 IN BOOK 1270 ON PAGE 149, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

A TRACT BOUNDED BY A LINE COMMENCING 88.2 FEET WEST OF THE SOUTH WEST CORNER OF THE SOUTH EAST ONE-FOURTH OF SECTION 2 IN TOWNSHIP 1 NORTH, RANGE 7 WEST OF THE SRD PRINCIPAL MERIDIAN, WHICH POINT IS THE CENTER OF THE EXISTING ROAD ENTRANCE OF THE DALEY LEWIS ACRES HOUSING AREA ON SCOTT AIR FORCE BASE; THENCE NORTH 1000 FEET TO THE POINT OF BEGINNING; THENCE EAST 880 FEET; THENCE NORTH 680 FEET; THENCE WEST 680 FEET; THENCE SOUTH 680 FEET TO THE POINT OF BEGINNING; BEING A PART OF THE EAST ONE-HALF OF THE SOUTH WEST ONE-FOURTH, AND PART OF THE WEST ONE-HALF OF THE SOUTH EAST ONE-FOURTH OF SECTION 2 IN TOWNSHIP 1 NORTH, RANGE 7 WEST OF THE SRD PRINCIPAL MERIDIAN.

EXCEPTING FURTHER THAT PART LYING WITHIN PUBLIC BOADS AND HIGHWAYS.

SITUATED IN ST. CLAIR COUNTY, ILLINOIS.



800x 2998 PAGE 1357

A01248554

Exempt Pursuant To 35 ILCS 200/31-45(l)

STATE OF PLUM DIS ST. CLAIR CORD TY

1934 OCT -6 PM 1: 55 800k 2998 PAGE 1357

JUDICIAL DEED

WHEREAS, pursuant to a judgment and decree made and entered of record on September 3, 1993, by the Circuit Court for the Twentieth Judicial Circuit, St. Clair County, Illinois, in a certain cause then pending in said Court on the Chancery side thereof, wherein AgriBank, FCB, was plaintiff and James A. Biethman, et al., were defendants, and docketed as cause no. 93-CH-144, the premises hereinafter described were duly advertised, according to law and the aforesaid decree, for sale at public vendue to the highest and best bidder for cash on September 9, 1994, at 9:00 AM on said day, at the St. Clair County Courthouse in Belleville, Illinois; and

WHEREAS, at the aforesaid appointed time and place, requisite notice having been given pursuant to 735 ILCS 5/15-1101, et seq., Jan Fiss, Judge of the Circuit Court, St. Clair County, Illinois, attended in person to make such sale, and then and there offered and exposed said premises for sale at public vendue to the highest and best bidder for cash, and United Fire and Casualty Company did then and there offer and bid the sum of Four Hundred and Ten Thousand and 00/100 Dollars (\$410,000.00) for said premises, and said bid being the highest and best, said Judge Jan Fiss did strike off and sell said premises to United Fire and Casualty Company, for said sum; and

LATINES LIEPTIS A ALITTIS

C-4144

 \Im

WHEREAS, as of September 9, 1994, the court found that AgriBank, FCB was owed \$402,779.32; and

WHEREAS, United Fire and Casualty Company has tendered to AgriBank, FCB \$402,779.32, together with statutory interest; and

WHEREAS, United Fire and Casualty Company has credited itself against its judgment the remaining balance of the purchase price; and

WHEREAS, AgriBank, FCB has acknowledged receipt of \$402,779.32, together with statutory interest, from United Fire and Casualty Company, and has filed its Accounting and Motion for Confirmation of Sale; and

whereAs, Judge have I has entered an Order Confirming Sale, a Report of Sale, and a Judge's Certificate of Sale;

NOW, THEREFORE, in consideration of the premises, said Party of the First Part, as Judge of the Circuit Court, St. Clair County, Illinois, does hereby convey the following described premises:

SEE EXHIBIT A ATTACHED HERETO AND INCORPORATED HEREIN to said Party of the Second Part, its successors and assigns forever, to have and to hold the same with all the tenements, hereditaments and appurtenances thereto belonging, or in any way appertaining.

WITNESS THE HAND AND SEAL of said Party of the First Part, day and year first above written.

PODGE OF THE CIRCUIT COURT

St. Clair County, Illinois

BOOK 2998 FAC: 1359

	TO THE PARTY OF TH
STATE OF ILLINOIS) SS	
COUNTY OF ST. CLAIR)	•
I, PATRICIA A. TIPTON	, Notary Public in St. Clair County, Illinois, do
hereby certify that Japone F. Lo	PINOT, who is personally known to me to be
the same person whose name as Judge	of the Circuit Court, St. Clair County, Illinois, is
subscribed to the foregoing instrument, app	cared before me this day in person and acknowledged
that he/she signed, sealed and delivered sai	d instrument as his/her free and voluntary act as such
Judge for the uses and purposes therein se	_ // /
GIVEN UNDER MY HAND AND SEA	L this 6 day of Talone.
SEAL	Satricia Wighon Notary Public
PATRICIA A. TIPTON NOTARY PUBLIC STATE OF ILLINOIS MY COMMISSION EXPIRES 2/13/97	St. Clair County, Illinois

Mail tax bill to:

Bernard A. Reinert, Attorney for United From Casualtyco, 812 N. Collins Laclade's Landing 5t. Louis, MO 63102

8008 **2998** PAGE **1360** PARCEL 1 Lots No. 9, 12, 13 and 14 in the South one-half of Section No. 2 Township 1 North, Range 7 West of the Third Principal Meridian; reference being had to the plat thereof recorded in the Recorder's Office of St. Clair County, Illinois, in Book of Plats "A" on Page 255:

and the South West Quarter of the South East Quarter of Section No. 2 in Township 1 North Range 7 West of the Third Principal Heridian.

Excepting that part thereof conveyed to the County Board of School Trustees, of St. Clair County, Illinois, for the use and benefit of Community Consolidated School District No. 10. St. Clair County Illineis, by deed from Illineis State Trust Company, a Corporation of Illineis, not personally but as trustee under the provisions of a deed or deeds in trust duly executed and delivered to said Illinois State Trust Company in pursuance of a cortain trust agreement dated the 13th day of September, 1950, and known as trust number 2639, dated December 6, 1967 and recorded December 12, 1967, in Book 2096 on Page 627, being more particularly described as follows, to-wit:

A tract of land being a part of the East Half of the South West Quarter and part of the West Half of the South East Quarter of Section 2 in Township 1 North. Range 7 West of the 3rd Principal Meridian, being more particularly described as follows, to-wit:

Beginning at a point 88.20 feet West of the South West corner of the South East one-fourth of Section 2. in Township 1 North, Range 7 West of the 3rd Principal Meridian, which point is the center of the existing road entrance of the Deley Levin Acres Housing Area in Scott Air Force Base; thence North along the last said road centerline, a distance of 1660 feet to a point; thence East. a distance of 30 feet to a point in the East right of way line of the said existing road (60 feet wide) being the point of beginning of the tract of land being herein described; thence continuing East, a distance of 630 feet to a point; thence North, a distance of 691.43 feet to a point; thence West, a distance of 630 feet to a point in the said East right of way line of the existing road, thence South along said East right of way line, a distance of 691.43 feet to the point of beginning.

Excepting, however, one (1) acre sold to the Trustees of Schools of Township 1 North, Range 7 West by deed dated July 19, 1888, and recorded in said Recorder's Office in Book 197 on Page 436, being more particularly described as follows, to-wit:

One acre being part South Wast part of South West one-fourth of Section 2 in Township 1 North, Range 7 West, commencing at a point in the West line of said Quarter Section from which the South West corner of said Section 2 bears South 2 chains distant; thence North along Line 4 chains; thence East 2.50 chains from which North East corner of the foundation of school house bears South 48 1/2 degrees West I chain distant; thence South 4 chains; thence West 2.50 chains to the point of beginning.

Excepting, further, that part thereof conveyed to United States of America by deed dated March 23, 1943, and recorded in said Recorder's Office in Book 995 on Page 126, being more particularly described as follows, to-wit:

That part of the South West one-fourth of the South Wast one-fourth of Section 2 in Township 1 North, Range 7 West of the 3rd Principal Heridian, St. Clair County, Illinois, being more particularly described as follows, to-wit:

Beginning at the South West corner of said Section 2; thence running North O degrees 21 1/2 minutes West. 132 feet; thence South 89 degrees 28 1/2 minutes East, 165 feet; thence North O degrees 21 1/2 minutes West. 264 feet; thence North 89 degrees 28 1/2 minutes West. 165 feet; thence North O degrees 21 1/2 minutes West, 9 feet; thence South 89 degrees 28 1/2 minutes East, 906.5 feet; thence South 6 degrees 36 minutes West, 407.2 feet; thence North 89 degrees 28 1/2 minutes West, 857.2 feet to the point of beginning.

Excepting, further, that part thereof conveyed to the United States of America and its assigns, by warranty deed from Illinois State Trust Company, a Corporation of Illinois, as trustee under the provisions of a trust agreement dated June 6, 1950 and known as trust no. 2602, dated March 25, 1952, and recorded March 27, 1952 in Book 1245 on Page 540, being more particularly described as follows, to-wit:

Commencing at the South West corner of the South West onefourth of said Section 2; thence East on the South line of said South West one-fourth, a distance of 857.2 feet which is the point of beginning; thence North 05 degrees 36 minutes 00 seconds East 407.2 feet; thence South 89 degrees 28 minutes 53 seconds East, 300 feet to a point; thence South 405.06 feet to a point in the South line of said Quarter-Quarter; thence North 89 degrees 28 minutes 53 seconds West along said South Line 349 feet, more or less, to the point of beginning.

Excepting, further, that part thereof conveyed to Marie A. Dougherty by quit claim deed dated March 15, 1965 and recorded April 5, 1965 in Book 1947 on Page 213, being more particularly described as follows, to-wit:

That part of the West one-half of the South West one-fourth of Section 2 in Township 1 North Range 7 West of the 3rd Principal Meridian, being a part of Lot 14 as designated on the plat recorded in the Recorder's Office of St. Clair Gounty, Illinois, in Book of Plats "A" on Page 255, being more particularly described as follows, to-wit:

Commencing at a point on the East line of said Wast one-half of the South West one-fourth of Section 2, said point being 1305.54 feet North of the South East corner of said West one-half; thence West along said line forming an angle of 90 degrees 49 minutes 55 seconds with said East line of the West one-half, as measured clockwise from South to West, a distance of 327.95 feet, to the point of beginning; thence continuing West, along an extension of the last described line, a distance of 270.00 feet; thence South at right angles to the last described line, a distance of 100.00 feet; thence East at right angles to the last described line, a distance of 270.00 feet; thence North at right angles to the last described line, a distance of 100.00 feet to the point of beginning.

Excepting, further, that part thereof conveyed to Henry C. Beck Company, a Corporation and Utah Construction Company, a Utah Corporation, and R. H. Hopkins by quit claim deed from Illinois State Trust Company, a Corporation, as trusted under the provisions of a trust dated September 13, 1950, and known as trust no. 263°, dated February 18, 1952, and recorded July 23, 1952 in Nook 1270 on Page 149, being more particularly described as follows, to-wit:

A tract bounded by a line commencing 88.2 feet West of the South West corner of the South East one-fourth of Section 2 in Township 1 North, Range 7 West of the 3rd Principal Meridian, which point is the center of the existing road entrance of the Daley Lewis Acres Housing Area on Scott Air Force Base; thence North 1000 feet to the point of beginning; thence East 660 feet; thence North 660 feet; thence West 660 feet; thence South 660 feet to the point of beginning; being a part of the East one-half of the South West one-fourth, and part of the West one-half of the South East one-fourth of Section 2 in Township 1 North, Range 7 West of the 3rd Principal Meridian.

Excepting further that part lying within public roads and highways.

Situated in St. Clair County, Illinois.

PARCEL 2
Part of the South West one-fourth of Section 1 in Township
1 North, Range 7 West of the 3rd Principal Heridian, being
more particularly described as follows, to-wit:

Commencing at the North West corner of said South West onefourth of said Section 1; thence running South variation 6 degrees 11 chains and 70 links to a stone; thence East 18 chains and 97 links to a stake; thence North 11 chains and 70 links to a stake; thence West 18 chains and 97 links to the point of beginning. Excepting that part thereof conveyed to the State of Illinois for the use of the Department of Public Works and, Buildings of East St. Louis by deed from Illinois State Trust Company, a Corporation of Illinois, not personally but as trustee under the provisions of a deed or deeds in trust duly executed and delivered to said Illinois State Trust Company in pursuance of a certain trust agreement dated the 13th day of September, 1950 and known as trust no. 2639 dated December 23, 1966 and recorded February 16, 1967, in Book 2052 on Page 354, being more particularly described as follows, to-wit:

A tract of land in the South West one-fourth of Section 1 In Township 1 North, Range 7 West of the 3rd Principal Meridian, St. Clair County, Illinois, being more particularly described as follows, to-wit:

The said tract of land is more particularly described as that part of said South West one-fourth Section 1, lying North of a line which begins on the owners's Northerly property line at a point 140 feet Southwesterly of the surveyed centerline of proposed Federal Aid Interstate Route No. 64, as recorded in plat Book "53" on Page 143, in the Records of the Recorder's Office of St. Clair County. Illinois, and said Northerly property line is the North line of the South West one-fourth of said Section 1 and crosses said surveyed centerline at station 1037+73. O. the aforesaid line herein described; extends Southwesterly in a straight line to a point 130 feet Southwesterly of station 1035+00; thence Southeasterly parallel with said centerline of the owner's Easterly property line which crosses said centerline at station 1045+55. 6. All distances are measured normal to the centerline of survey.

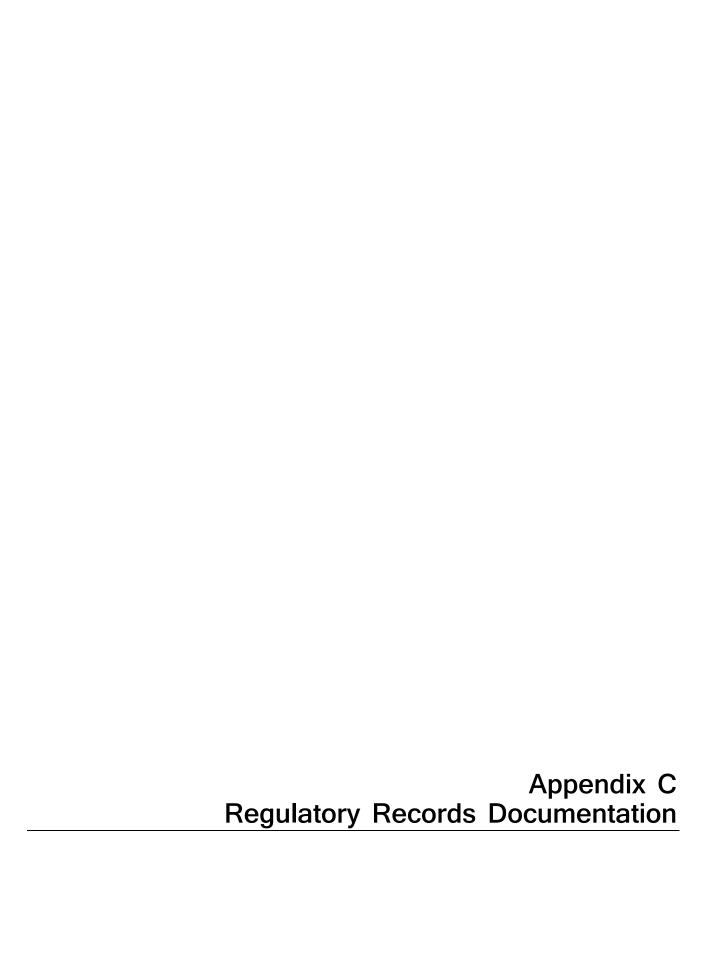
Situated in St. Clair County, Illinois.

PARCEL 3
Part of the South West one-fourth of Section 1 in Township
1 North Range 7 West of the 3rd Principal Meridian, being
more particularly described as follows, to-wit:

Commencing at a point 11.70 chains South of the North West corner of said Quarter section; thence East 14.15 chains to a point; thence South 24.30 chains to the center of Big Silver Creek; thence down the middle of said creek to the South line of said Quarter section; thence West along said Quarter line, 8.50 chains to the South West corner of said Quarter Section; and thence North along the West line of said Quarter Section to the point of beginning.

Situated in St. Clair County, Illinois.

64



Scott Air Force Base - NGA

Cherry Grove School Road Scott Air Force Base, IL 62225

Inquiry Number: 4085345.2s

September 26, 2014

The EDR Radius Map™ Report with GeoCheck®

Prepared using the EDR FieldCheck® System

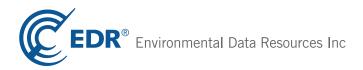


TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map.	2
Detail Map.	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	10
Government Records Searched/Data Currency Tracking	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map.	A-5
Physical Setting Source Map	
Physical Setting Source Map Findings.	A-17
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

Disclaimer - Copyright and Trademark Notice

The EDR FieldCheck ®System enables EDR's customers to make certain online modifications to the maps and text contained in EDR Radius Map Reports. As a result, the maps and text contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. The EDR FieldCheck System accesses user-modified records from previously submitted reports. Any user-modified record from a previous report that is plotted outside the search radius of this report may not be included in this report.

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). CH2M HILL, INC. used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by CH2M HILL, INC.. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CHERRY GROVE SCHOOL ROAD SCOTT AIR FORCE BASE, IL 62225

COORDINATES

Latitude (North): 38.5594000 - 38° 33' 33.84" Longitude (West): 89.8571000 - 89° 51' 25.56"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 251042.2 UTM Y (Meters): 4271548.5

Elevation: 474 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38089-E7 LEBANON, IL

Most Recent Revision: 1991

West Map: 38089-E8 O'FALLON, IL

Most Recent Revision: 1991

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120605, 20120613

Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS....... Comprehensive Environmental Response, Compensation, and Liability Information System

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF...... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG______RCRA - Large Quantity Generators RCRA-SQG______RCRA - Small Quantity Generators

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS...... Engineering Controls Sites List US INST CONTROL...... Sites with Institutional Controls

LUCIS.....Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SSU..... State Sites Unit Listing

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to

State Surcharge

LF SPECIAL WASTE...... Special Waste Site List IL NIPC..... Solid Waste Landfill Inventory

State and tribal leaking storage tank lists

LUST TRUST...... Underground Storage Tank Fund Payment Priority List

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

State and tribal institutional control / engineering control registries

ENG CONTROLS....... Sites with Engineering Controls INST CONTROL...... Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP.........Voluntary Cleanup Priority Listing SRP.......Site Remediation Program Database

State and tribal Brownfields sites

BROWNFIELDS...... Municipal Brownfields Redevelopment Grant Program Project Descriptions

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

Local Lists of Hazardous waste / Contaminated Sites

US CDL...... Clandestine Drug Labs
CDL...... Meth Drug Lab Site Listing

US HIST CDL...... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS...... Hazardous Materials Information Reporting System SPILLS...... State spills

SPILLS 90...... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites

CONSENT..... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

FINDS....... Facility Index System/Facility Registry System RAATS....... RCRA Administrative Action Tracking System

AIRS_______ Air Inventory Listing
TIER 2______ Tier 2 Information Listing
INDIAN RESERV______ Indian Reservations

INDIAN RESERV...... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

2020 COR ACTION...... 2020 Corrective Action Program List

COAL ASH...... Coal Ash Site Listing LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

PIMW..... Potentially Infectious Medical Waste

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

EPA WATCH LIST..... EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants EDR US Hist Auto Stat..... EDR Exclusive Historic Gas Stations EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF...... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

An online review and analysis by CH2M HILL, INC. of the LUST list, as provided by EDR, and dated 07/16/2014 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
ST. CLAIR COUNTY	SCOTT AIR FORCE BASE, P	0 - 1/8 (0.001 mi.)	1	8	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
SCOTT AIR FORCE BASE NFA/NFR Letter: 02/24/1994	BLDG. 3189, TANK #64	SE 1/8 - 1/4 (0.227 mi.)	2	8	
SCOTT AIR FORCE BASE NFA/NFR Letter: 05/03/1999	BLDG. 5039, SCOTT A.F.B	SSE 1/4 - 1/2 (0.421 mi.)	3	9	

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

An online review and analysis by CH2M HILL, INC. of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

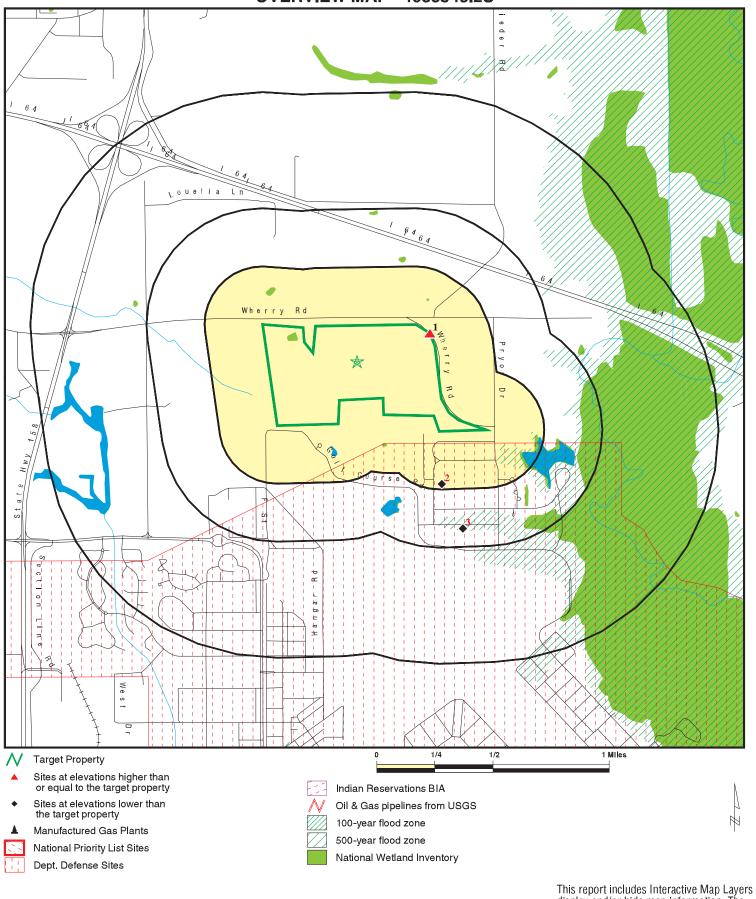
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCOTT AIR FORCE BASE		S 0 - 1/8 (0.051 mi.)	0	8

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 r	records.
--	----------

Site Name _____ Database(s)

PEPL - ALSEY REFRACTION RCRA NonGen / NLR

OVERVIEW MAP - 4085345.2S



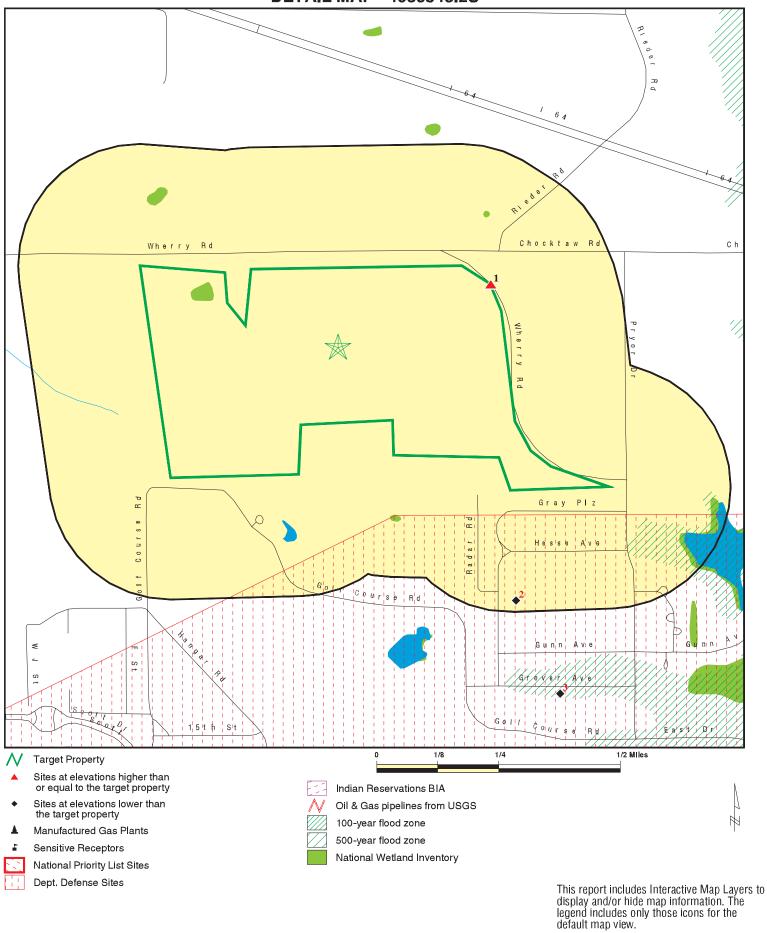
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Scott Air Force Base - NGA
ADDRESS: Cherry Grove School Road
Scott Air Force Base IL 62225

CLIENT: CH2M Hill, Inc.
CONTACT: Jesse A. Brown
INQUIRY#: 4085345.2s

LAT/LONG: 38.5594 / -89.8571 DATE: September 26, 2014 5:29 pm

DETAIL MAP - 4085345.2S



SITE NAME: Scott Air Force Base - NGA
ADDRESS: Cherry Grove School Road CONTACT: Jesse A. Brown
Scott Air Force Base IL 62225 INQUIRY #: 4085345.2s
LAT/LONG: 38.5594 / -89.8571 DATE: September 26, 2014 5:30 pm

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted	
STANDARD ENVIRONMENTAL RECORDS									
Federal NPL site list									
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0	
Federal Delisted NPL sit	e list								
Delisted NPL	1.000		0	0	0	0	NR	0	
Federal CERCLIS list									
CERCLIS FEDERAL FACILITY	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0	
Federal CERCLIS NFRAI	P site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0	
Federal RCRA CORRAC	TS facilities li	st							
CORRACTS	1.000		0	0	0	0	NR	0	
Federal RCRA non-COR	RACTS TSD f	acilities list							
RCRA-TSDF	0.500		0	0	0	NR	NR	0	
Federal RCRA generator	s list								
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0	
Federal institutional con engineering controls reg									
US ENG CONTROLS US INST CONTROL LUCIS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
Federal ERNS list									
ERNS	TP		NR	NR	NR	NR	NR	0	
State- and tribal - equiva	lent CERCLIS	3							
SSU	1.000		0	0	0	0	NR	0	
State and tribal landfill a solid waste disposal site									
SWF/LF LF SPECIAL WASTE IL NIPC CCDD	0.500 0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0	
State and tribal leaking s	storage tank l	ists							
LUST	0.500		1	1	1	NR	NR	3	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST TRUST INDIAN LUST	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
State and tribal registere	ed storage tar	nk lists						
UST INDIAN UST FEMA UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institution control / engineering control		es						
ENG CONTROLS INST CONTROL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0
State and tribal voluntar	y cleanup site	es						
INDIAN VCP SRP	0.500 0.500		0 0	0 0	0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	ITAL RECORDS	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
DEBRIS REGION 9 ODI INDIAN ODI	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US CDL CDL US HIST CDL	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency I	Release Repo	rts						
HMIRS SPILLS SPILLS 90	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Other Ascertainable Rec	cords							
RCRA NonGen / NLR DOT OPS DOD FUDS	0.250 TP 1.000 1.000		0 NR 1 0	0 NR 0 0	NR NR 0 0	NR NR 0 0	NR NR NR NR	0 0 1 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
	(/							
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP TP		NR	NR	NR	NR	NR	0
HIST FTTS SSTS	TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
ICIS	TP		NR NR	NR NR	NR NR	NR NR	NR NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	Ö
RMP	TP		NR	NR	NR	NR	NR	Ō
UIC	TP		NR	NR	NR	NR	NR	Ō
NPDES	TP		NR	NR	NR	NR	NR	0
HWAR	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
IMPDMENT	0.500		0	0	0	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0 ND	NR	NR	0
2020 COR ACTION COAL ASH	0.250 0.500		0 0	0 0	NR 0	NR NR	NR NR	0 0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
BOL	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	Ő
US AIRS	TP		NR	NR	NR	NR	NR	Ő
PIMW	0.250		0	0	NR	NR	NR	Ö
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL	L RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		Ö	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERN	MENT ARCHIV	<u>'ES</u>						
Exclusive Recovered Gov	rt Archives							
			NID	ND	ND	ND	NID	0
RGA LF	TP		NR	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA HWS	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

DOD SCOTT AIR FORCE BASE DOD CUSA134656
Region N/A

Region South

South SCOTT AIR FORCE BASE (County), IL

< 1/8 270 ft.

DOD:

Feature 1: Air Force DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Scott Air Force Base
Name 2: Not reported
Name 3: Not reported

State: IL DOD Site: Yes

Tile name: ILST._CLAIR

1 ST. CLAIR COUNTY LUST S106526831 SCOTT AIR FORCE BASE, PARCEL 99, 1 WHERRY RD. LUST N/A

< 1/8 SCOTT AIR FORCE BASE, IL 62225

0.001 mi. 5 ft.

Relative:

LUST:

Higher
Actual:

510 ft.

 Incident Num:
 962372

 IL EPA Id:
 1630105243

 Product:
 Gasoline

 IEMA Date:
 12/26/1996

IEMA Date: 12/26/1996
Project Manager: Hale
Project Manager Phone: (217) 782-1803
Email: Sam.Hale@illinois.gov

PRP Name: St. Clair County PRP Contact: **Bruce Carey** 720 West Main St. PRP Address: PRP City,St,Zip: Belleville, IL 62202 PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 732 Not reported Date Section 57.5(g) Letter: Non LUST Determination Letter: Not reported 20 Report Received: 10/03/1997

45 Report Received: 10/03/1997

NFA/NFR Letter: Not reported

NFR Date Recorded: Not reported

2 SCOTT AIR FORCE BASE LUST S111218450 SE BLDG. 3189, TANK #64 N/A

1/8-1/4 SCOTT AIR FORCE BASE, IL 62225

0.227 mi. 1198 ft.

Relative: LUST:

Lower Incident Num: 931238

 IL EPA Id:
 1630105014

 Actual:
 Product:
 Gasoline

 443 ft.
 IEMA Date:
 05/11/1993

Project Manager: Irwin

TC4085345.2s Page 8

EDR ID Number

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

SCOTT AIR FORCE BASE (Continued)

S111218450

N/A

EDR ID Number

Project Manager Phone: Not reported Not reported Email: PRP Name: Scott Air Force Base PRP Contact: Ken Cavanaugh

375 AW/EMO, 701 Hangar Rd. PRP Address: PRP City,St,Zip: Scott Air Force Base, IL 62225-5033

PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731

Date Section 57.5(g) Letter: Not reported Non LUST Determination Letter: Not reported 10/18/1993 20 Report Received: 45 Report Received: 10/28/1993 NFA/NFR Letter: 02/24/1994 NFR Date Recorded: Not reported

LUST S111218480 3 **SCOTT AIR FORCE BASE**

SSE BLDG. 5039, SCOTT A.F.B. 1/4-1/2

SCOTT AIR FORCE BASE, IL 62225

0.421 mi. 2223 ft.

LUST: Relative:

Incident Num: 981069 Lower

IL EPA Id: 1630105014 Actual: Product: **Unleaded Gas** 434 ft. IEMA Date: 05/07/1998

Project Manager: Hale

Project Manager Phone: (217) 782-1803 Email: Sam.Hale@illinois.gov PRP Name: Scott Air Force Base PRP Contact: Doug Stidham 375th ABG/DEEV PRP Address: PRP City,St,Zip: Scott AFB, IL 62225 PRP Phone: 6182562092 Site Classification: Not reported

Section 57.5(g) Letter: 732 Not reported Date Section 57.5(g) Letter: Non LUST Determination Letter: Not reported 20 Report Received: 06/12/1998 45 Report Received: 08/06/1998 NFA/NFR Letter: 05/03/1999 NFR Date Recorded: 05/03/1999

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALSEY	1000824992	PEPL - ALSEY REFRACTION	HWY 106 & CLAY HOLLOW RD	62225	RCRA NonGen / NLR

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013 Source: EPA
Date Data Arrived at EDR: 11/11/2013 Telephone: N/A

Date Made Active in Reports: 01/28/2014 Last EDR Contact: 09/19/2014

Number of Days to Update: 78 Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013 Source: EPA
Date Data Arrived at EDR: 11/11/2013 Telephone: N/A

Number of Days to Update: 78 Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Source: EPA

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 78

Source: EPA Telephone: N/A

Last EDR Contact: 09/19/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 08/28/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 07/08/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 08/28/2014

Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/10/2014 Date Data Arrived at EDR: 07/02/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 78

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014 Date Data Arrived at EDR: 07/02/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014 Date Data Arrived at EDR: 07/02/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014 Date Data Arrived at EDR: 07/02/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/23/2014 Date Data Arrived at EDR: 07/15/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 65

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/23/2014 Date Data Arrived at EDR: 07/15/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 65

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2014 Date Data Arrived at EDR: 05/30/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 18

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 12/01/2014 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013 Date Data Arrived at EDR: 10/01/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 66

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 07/03/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SSU: State Sites Unit Listing

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Date of Government Version: 08/12/2014 Date Data Arrived at EDR: 08/14/2014 Date Made Active in Reports: 09/11/2014

Number of Days to Update: 28

Source: Illinois Environmental Protection Agency

Telephone: 217-524-4826 Last EDR Contact: 07/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 07/31/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 39

Source: Illinois Environmental Protection Agency

Telephone: 217-785-8604 Last EDR Contact: 07/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Annually

LF WMRC: Waste Management & Research Center Landfill Database

The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001 Date Data Arrived at EDR: 10/06/2006 Date Made Active in Reports: 11/06/2006

Number of Days to Update: 31

Source: Department of Natural Resources

Telephone: 217-333-8940 Last EDR Contact: 09/18/2009

Next Scheduled EDR Contact: 12/28/2009 Data Release Frequency: No Update Planned

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990 Date Data Arrived at EDR: 06/17/2009 Date Made Active in Reports: 07/15/2009

Number of Days to Update: 28

Source: Illinois EPA Telephone: 217-782-9288 Last EDR Contact: 06/10/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IL NIPC: Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988 Date Data Arrived at EDR: 08/01/1994 Date Made Active in Reports: 08/12/1994

Number of Days to Update: 11

Source: Northeastern Illinois Planning Commission

Telephone: 312-454-0400 Last EDR Contact: 05/23/2006 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CCDD: Clean Construction or Demolition Debris

Construction and demolition (C and D) debris is nonhazardous, uncontaminated material resulting from construction, remodeling, repair, or demolition of utilities, structures, and roads.

Date of Government Version: 07/28/2014 Date Data Arrived at EDR: 07/30/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 40

Source: Illinois EPA Telephone: 217-524-3300 Last EDR Contact: 07/30/2014

Next Scheduled EDR Contact: 11/10/2014

Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/16/2014 Date Data Arrived at EDR: 07/30/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 40

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6762 Last EDR Contact: 07/30/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Semi-Annually

LUST TRUST: Underground Storage Tank Fund Payment Prioirty List

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

Date of Government Version: 06/24/2014 Date Data Arrived at EDR: 07/30/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 40

Source: Illinois EPA Telephone: 217-782-6762 Last EDR Contact: 07/30/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 184

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/01/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014 Date Data Arrived at EDR: 08/05/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 17

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014 Date Data Arrived at EDR: 06/10/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 73

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 42

Source: Environmental Protection Agency Telephone: 415-972-3372

Last EDR Contact: 07/22/2014 Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014 Date Data Arrived at EDR: 08/15/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 7

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014 Date Data Arrived at EDR: 08/22/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 27

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014 Date Data Arrived at EDR: 05/15/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 61

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/20/2014 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 08/12/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 10

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/22/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/28/2014 Date Data Arrived at EDR: 07/30/2014 Date Made Active in Reports: 09/19/2014

Number of Days to Update: 51

Source: Illinois State Fire Marshal Telephone: 217-785-0969 Last EDR Contact: 07/30/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 01/27/2014

Number of Days to Update: 271

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/01/2014

Next Scheduled EDR Contact: 11/10/2014

Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014 Date Data Arrived at EDR: 08/22/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 27

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014 Date Data Arrived at EDR: 08/05/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 17

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 07/25/2014 Date Data Arrived at EDR: 07/28/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 25

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 08/12/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 10

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/22/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014 Date Data Arrived at EDR: 06/10/2014 Date Made Active in Reports: 08/15/2014

Number of Days to Update: 66

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014 Date Data Arrived at EDR: 08/15/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 7

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014 Date Data Arrived at EDR: 08/15/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 7

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 07/03/2014 Date Data Arrived at EDR: 07/08/2014 Date Made Active in Reports: 07/16/2014

Number of Days to Update: 8

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761 Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

Inst Control: Institutional Controls

Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 07/03/2014 Date Data Arrived at EDR: 07/08/2014 Date Made Active in Reports: 07/16/2014

Number of Days to Update: 8

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761 Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/30/2014 Date Data Arrived at EDR: 07/01/2014 Date Made Active in Reports: 08/15/2014

Number of Days to Update: 45

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

SRP: Site Remediation Program Database

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 07/03/2014 Date Data Arrived at EDR: 07/08/2014 Date Made Active in Reports: 07/16/2014

Number of Days to Update: 8

Source: Illinois Environmental Protection Agency

Telephone: 217-785-9407 Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions

The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 07/31/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 39

Source: Illinois Environmental Protection Agency

Telephone: 217-785-3486 Last EDR Contact: 07/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

BROWNFIELDS: Redevelopment Assessment Database

The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 07/28/2014 Date Data Arrived at EDR: 07/30/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 40

Source: Illinois Environmental Protection Agency

Telephone: 217-524-1658 Last EDR Contact: 07/30/2014

Next Scheduled EDR Contact: 11/10/2014

Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 07/03/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 25

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 09/23/2014

Next Scheduled EDR Contact: 01/05/2015 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 08/01/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 25

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 09/03/2014

Next Scheduled EDR Contact: 12/15/2014 Data Release Frequency: Quarterly

CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 07/17/2014 Date Data Arrived at EDR: 07/30/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 40

Source: Department of Public Health

Telephone: 217-782-5750 Last EDR Contact: 07/28/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 25

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 09/03/2014

Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/2014 Date Data Arrived at EDR: 07/01/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 79

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Annually

IEMA SPILLS: Illinois Emergency Management Agency Spills

A listing of hazardous materials incidents reported to the Illinois Emergency Management Agency.

Date of Government Version: 08/05/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 09/11/2014

Number of Days to Update: 36

Source: Illinois Emergency Management Agency

Telephone: 217-524-0770 Last EDR Contact: 08/06/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Quarterly

SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 07/17/2014 Date Data Arrived at EDR: 07/18/2014 Date Made Active in Reports: 07/25/2014

Number of Days to Update: 7

Source: Illinois EPA Telephone: 217-782-3637 Last EDR Contact: 07/11/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/15/2013

Number of Days to Update: 71

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014 Date Data Arrived at EDR: 07/02/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 08/06/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS Telephone: 888-275-8747

Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 8

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 09/10/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 01/24/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 06/30/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/12/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 74

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 09/09/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/20/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 07/15/2014

Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 09/04/2014

Next Scheduled EDR Contact: 12/15/2014 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/31/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 44

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 08/29/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 05/06/2014 Date Data Arrived at EDR: 05/16/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/09/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013 Date Data Arrived at EDR: 07/17/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 107

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013 Date Data Arrived at EDR: 08/02/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 91

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2014 Date Data Arrived at EDR: 07/10/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 18

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/10/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013 Date Data Arrived at EDR: 02/27/2014 Date Made Active in Reports: 03/12/2014

Number of Days to Update: 13

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 09/10/2014

Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 05/23/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 66

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 08/29/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Biennially

UIC: Underground Injection Wells

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 06/05/2014 Date Data Arrived at EDR: 06/06/2014 Date Made Active in Reports: 06/30/2014

Number of Days to Update: 24

Source: Illinois EPA Telephone: 217-782-9878 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Varies

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 04/16/2014 Date Data Arrived at EDR: 04/18/2014 Date Made Active in Reports: 05/20/2014

Number of Days to Update: 32

Source: Illinois EPA Telephone: 217-782-0610 Last EDR Contact: 04/07/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Varies

HWAR: Hazard Waste Annual Report

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 08/14/2014 Date Made Active in Reports: 09/11/2014

Number of Days to Update: 28

Source: Illinois EPA Telephone: 217-524-3300 Last EDR Contact: 07/30/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Annually

DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 08/25/2014 Date Data Arrived at EDR: 08/26/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 13

Source: Drycleaner Environmental Response Trust Fund of Illinois

Telephone: 800-765-4041 Last EDR Contact: 08/26/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Varies

IMPDMENT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980 Date Data Arrived at EDR: 03/08/2002 Date Made Active in Reports: 06/03/2002

Number of Days to Update: 87

Source: Illinois Waste Management & Research Center

Telephone: 217-333-8940 Last EDR Contact: 02/20/2002 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

AIRS: Air Inventory Listing

A listing of air permits and emissions information.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 04/18/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 25

Source: Illinois EPA Telephone: 217-557-0314 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 08/19/2014 Date Made Active in Reports: 09/11/2014

Number of Days to Update: 23

Source: Illinois Emergency Management Agency

Telephone: 217-785-9860 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/01/2014 Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/15/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: Varies

COAL ASH: Coal Ash Site Listing
A listing of coal ash site lcoations.

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 03/09/2012 Date Made Active in Reports: 04/10/2012

Number of Days to Update: 32

Source: Illinois EPA Telephone: 217-782-1654 Last EDR Contact: 09/05/2014

Next Scheduled EDR Contact: 12/15/2014 Data Release Frequency: Annually

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014 Date Data Arrived at EDR: 06/12/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

BOL: Bureau of Land Inventory Database

Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 06/20/2014 Date Data Arrived at EDR: 06/23/2014 Date Made Active in Reports: 07/08/2014

Number of Days to Update: 15

Source: Illinois Environmental Protection Agency

Telephone: 217-785-9407 Last EDR Contact: 09/02/2014

Next Scheduled EDR Contact: 12/15/2014

Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 07/03/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 72

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014

Data Release Frequency: N/A

PIMW: Potentially Infectious Medical Waste

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 06/23/2014 Date Data Arrived at EDR: 06/26/2014 Date Made Active in Reports: 07/16/2014

Number of Days to Update: 20

Source: Illinois EPA Telephone: 217-524-3289 Last EDR Contact: 09/22/2014

Next Scheduled EDR Contact: 01/05/2015 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 03/14/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 47

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 09/10/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013 Date Data Arrived at EDR: 11/06/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 30

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/23/2013 Date Data Arrived at EDR: 11/06/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 30

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 38

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

Financial Assurance: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/13/2014 Date Data Arrived at EDR: 06/13/2014 Date Made Active in Reports: 06/27/2014

Number of Days to Update: 14

Source: Illinois Environmental Protection Agency

Telephone: 217-782-9887 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/08/2014

Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 08/01/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 08/15/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc. Date Data Arrived at EDR: N/A Telephone: N/A Last EDR Contact: N/A Date Made Active in Reports: N/A

Next Scheduled EDR Contact: N/A Number of Days to Update: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/10/2014 Number of Days to Update: 193

Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

Source: Illinois Environmental Protection Agency

Source: Illinois Environmental Protection Agency

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Telephone: N/A

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/30/2013

Number of Days to Update: 182

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Illinois.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/30/2013

Number of Days to Update: 182

Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A

Source: Department of Natural Resources

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013 Date Data Arrived at EDR: 08/19/2013 Date Made Active in Reports: 10/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012

Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 07/17/2014

Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/07/2014 Date Made Active in Reports: 06/10/2014

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/07/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 07/21/2014 Date Made Active in Reports: 08/25/2014

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 07/15/2014 Date Made Active in Reports: 08/13/2014

Number of Days to Update: 29

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 08/26/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 08/07/2014

Number of Days to Update: 48

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/15/2014

Next Scheduled EDR Contact: 12/29/2014 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing

Source: Department of Children & Family Services

Telephone: 312-814-4150

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SCOTT AIR FORCE BASE - NGA CHERRY GROVE SCHOOL ROAD SCOTT AIR FORCE BASE, IL 62225

TARGET PROPERTY COORDINATES

Latitude (North): 38.5594 - 38° 33' 33.84" Longitude (West): 89.8571 - 89° 51' 25.56"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 251042.2 UTM Y (Meters): 4271548.5

Elevation: 474 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 38089-E7 LEBANON, IL

Most Recent Revision: 1991

West Map: 38089-E8 O'FALLON, IL

Most Recent Revision: 1991

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

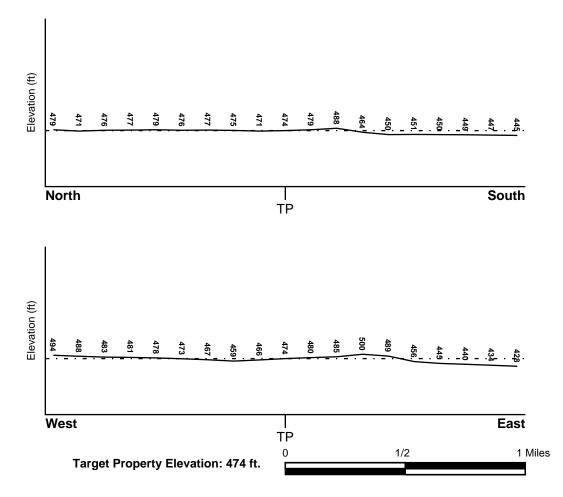
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood

Target Property County ST CLAIR, IL

Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

1706160045B - FEMA Q3 Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

LEBANON

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

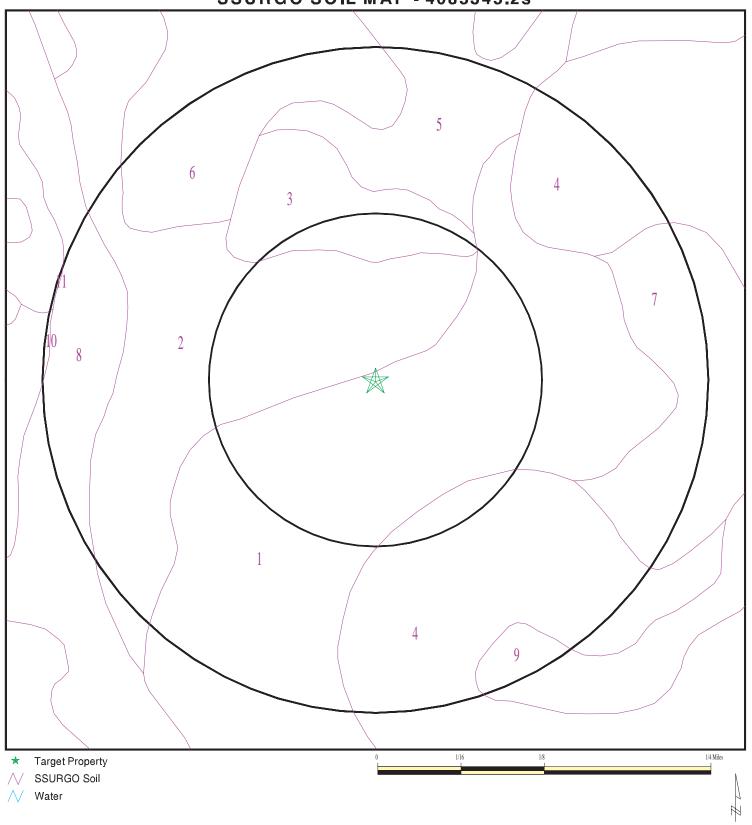
Era: Paleozoic Category: Stratifed Sequence

System: Pennsylvanian Series: Missourian Series

Code: PP3 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4085345.2s



SITE NAME: Scott Air Force Base - NGA
ADDRESS: Cherry Grove School Road
Scott Air Force Base IL 62225

LAT/LONG: 38.5594 / -89.8571

CLIENT: CH2M Hill, Inc. CONTACT: Jesse A. Brown INQUIRY #: 4085345.2s

DATE: September 26, 2014 5:30 pm

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Winfield

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

	Soil Layer Information										
	Воц	ındary		Classi	fication	Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Noadhon				
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6				
2	9 inches	12 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6				
3	12 inches	61 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5				

	Soil Layer Information											
	Boundary			Classification		Saturated hydraulic						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec						
4	61 inches	79 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1					

Soil Map ID: 2

Soil Component Name: Downsouth

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

	Soil Layer Information											
	Boundary			Classification		Saturated hydraulic						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)					
1	0 inches	12 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1					
2	12 inches	64 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1					
3	64 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6					

Soil Map ID: 3

Soil Component Name: Mascoutah

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

	Soil Layer Information											
	Boundary			Classification		Saturated hydraulic						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Nouvelon					
1	0 inches	20 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 6.1					
2	20 inches	57 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 6.1					
3	57 inches	66 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 6.6					
4	66 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 8.4 Min: 6.6					

Soil Map ID: 4

Soil Component Name: Menfro

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information											
	Boundary			Classification		Saturated hydraulic						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)					
1	0 inches	7 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1					
2	7 inches	55 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 4.5					
3	55 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6					

Soil Map ID: 5

Soil Component Name: Edwardsville

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

	Soil Layer Information											
	Boundary			Classification		Classification		Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)					
1	0 inches	14 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6					
2	14 inches	57 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.1					
3	57 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6					

Soil Map ID: 6

Soil Component Name: Bethalto

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

> 38 inches

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Depth to Watertable Min:

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Soil Layer Information Saturated **Boundary** Classification hydraulic conductivity Layer Upper Lower Soil Texture Class **AASHTO Group Unified Soil Soil Reaction** micro m/sec (pH) 1 0 inches 7 inches silt loam Not reported Not reported Max: 14.11 Max: 7.3 Min: 4.23 Min: 5.6 2 7 inches 14 inches silt loam Not reported Not reported Max: 14.11 Max: 7.3 Min: 5.1 Min: 4.23 3 14 inches 70 inches silty clay loam Not reported Not reported Max: 14.11 Max: 7.8 Min: 4.23 Min: 5.1 4 70 inches 79 inches Not reported Max: 14.11 Max: 7.8 silt loam Not reported

Soil Map ID: 7

Soil Component Name: Menfro

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Min: 4.23

Min: 5.6

Soil Layer Information										
	Boundary			Classification		Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec				
1	0 inches	7 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1			
2	7 inches	55 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 4.5			
3	55 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6			

Soil Map ID: 8

Soil Component Name: Wakeland

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

Soil Layer Information										
	Boundary			Classi	Classification					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)			
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6			
2	7 inches	68 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6			

	Soil Layer Information						
	Bou	ndary		Classification	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec (pH)	
3	68 inches	79 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6

Soil Map ID: 9

Soil Component Name: Menfro

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Roundary				Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec (pH)	
1	0 inches	9 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
2	9 inches	61 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 4.5
3	61 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6

Soil Map ID: 10

Soil Component Name: Downsouth

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
	Boundary			Classification	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	9 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
2	9 inches	57 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
3	57 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6

Soil Map ID: 11

Soil Component Name: Winfield
Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
2	5 inches	50 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	50 inches	79 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
	USGS40000295045	1/8 - 1/4 Mile NW
D8	USGS40000295046	1/8 - 1/4 Mile NW
D11	USGS40000295047	1/4 - 1/2 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

D9 IL1635185 LOCATION FROM TP

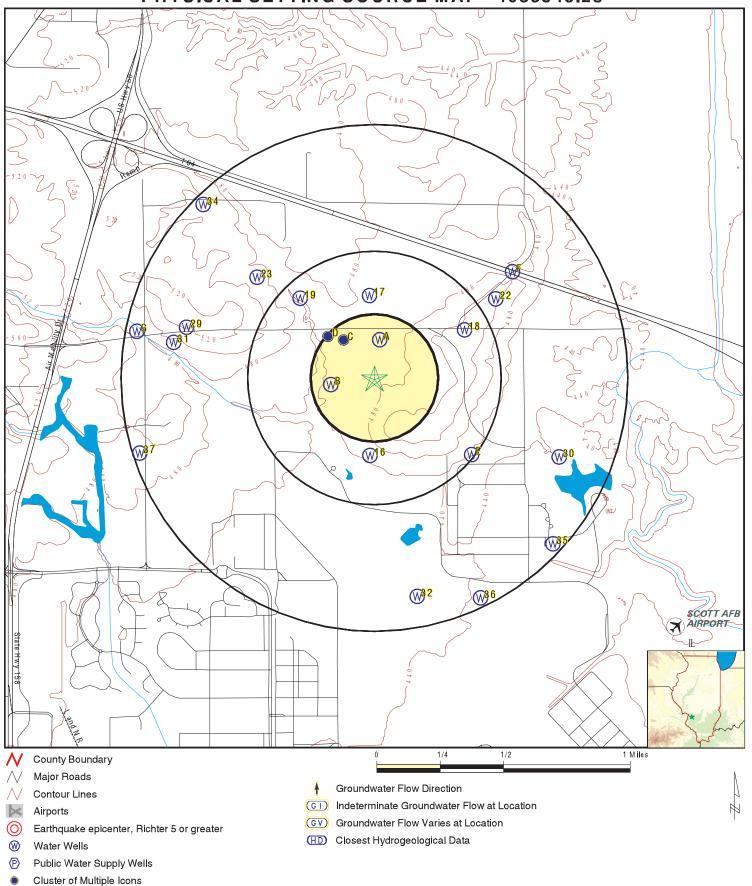
1/8 - 1/4 Mile NW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1 B2 A3 C4 B5 C6 D10 D12 D13 D14 D15 16 17 18 19 E20 E21 22 23 F24 F25	ILSG20000027029 ILSG20000026918 ILSG20000027059 ILSG20000027033 ILSG20000026938 ILEP2000000315 ILSG20000027097 ILEP20000000316 ILSG20000027040 ILSG20000027038 ILSG20000027755 ILSG20000027175 ILSG20000027175 ILSG20000027175 ILSG20000027172 ILSG20000027172 ILSG20000027172 ILSG20000027170 ILSG20000027170 ILSG20000027214 ILSG20000027229 ILSG20000027231	1/8 - 1/4 Mile NNE 1/8 - 1/4 Mile NNE 1/8 - 1/4 Mile WSW 1/8 - 1/4 Mile North 1/8 - 1/4 Mile NNW 1/8 - 1/4 Mile West 1/8 - 1/4 Mile NW 1/8 - 1/4 Mile NW 1/8 - 1/4 Mile NW 1/4 - 1/2 Mile South 1/4 - 1/2 Mile South 1/4 - 1/2 Mile SE 1/4 - 1/2 Mile SE 1/2 - 1 Mile SE 1/2 - 1 Mile ENE 1/2 - 1 Mile NW 1/2 - 1 Mile NW 1/2 - 1 Mile NE
F25 F26 F27 F28 29 30 31 32 G33 34 35 36 37 G38	ILSG20000027231 ILSG20000027246 ILSG20000027260 ILSG20000027263 ILSG20000027093 ILSG20000026752 ILSG20000027032 ILSG20000027081 ILSG20000027081 ILSG20000027470 ILSG20000026536 ILSG20000026377 ILSG20000026762 ILSG20000027083	1/2 - 1 Mile NE 1/2 - 1 Mile WNW 1/2 - 1 Mile ESE 1/2 - 1 Mile West 1/2 - 1 Mile South 1/2 - 1 Mile WNW 1/2 - 1 Mile NW 1/2 - 1 Mile SE 1/2 - 1 Mile SSE 1/2 - 1 Mile SSE 1/2 - 1 Mile WSW 1/2 - 1 Mile WSW 1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 4085345.2s



SITE NAME: Scott Air Force Base - NGA ADDRESS: Cherry Grove School Road Scott Air Force Base IL 62225

LAT/LONG: 38.5594 / -89.8571

CLIENT: CH2M Hill, Inc. CONTACT: Jesse A. Brown INQUIRY#: 4085345.2s

DATE: September 26, 2014 5:30 pm

Map ID Direction Distance Elevation

A1 NNE

1/8 - 1/4 Mile

IL WELLS ILSG20000027029

Higher

Pt api number: 121630312700 Pt status: WATER

Pt longitude: -89.856198 Pt latitude: 38.561394 Api number: 121630312700 Longitude: -89.856198 Latitude: 38.561394

Section: 3 Twp: 1 Rng: Tdir: Ν

W Erlinger, Russell Rdir: Farm name: Farm num: Not Reported Company name: Kohnen, Clarence

Water Well 475 Status: Elevation: Topographic Map Total depth: 24 Elevref: Wformation: sandstone Wfmfrom: 19 Wfmto: 24 Pumpgpm: 0

B2 wsw 1/8 - 1/4 Mile Lower

Pt status:

Pt api number: 121630181400 Pt longitude: -89.859792 Pt latitude: 38.558796 Api number: 121630181400 -89.859792 Longitude: Latitude: 38.558796

Section: 3 Twp: 1 Tdir: Ν Rng:

Rdir: W Bizenberger Aug Farm name: Quality Farm Equip Farm num: 4 Company name:

Water Well Status: Elevation: Not Reported Total depth: Elevref: 87 Wformation: Not Reported Wfmfrom: 0 0 Wfmto: Pumpgpm:

North 1/8 - 1/4 Mile Lower

> Pt api number: 121630332400 Pt status: DRY

Pt longitude: -89.85723 Pt latitude: 38.561775 Api number: 121630332400 Longitude: -89.85723 Latitude: 38.561775

Section: 3 Twp: Tdir: Ν Rng:

Rdir: W Farm name: Bizenberger, August Farm num: Not Reported Company name: Kohnen, Clarence

Database

IL WELLS

IL WELLS

WATER

EDR ID Number

ILSG20000026918

ILSG20000027059

Status: Elevation: 473 Dry Hole Elevref: Topographic Map Total depth: 48 Wformation: dry hole Wfmfrom: 0 0 Wfmto: 0 Pumpgpm:

C4 NNW IL WELLS ILSG20000027033

1/8 - 1/4 Mile Lower

Pt api number: 121632977100 Pt status: WATER

Pt longitude: -89.858624
Pt latitude: 38.561456
Api number: 121632977100
Longitude: -89.858624
Latitude: 38.561456

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Spring Valley MH Farm num: 4 Company name: Not Reported

Status:Water WellElevation:0Elevref:Not ReportedTotal depth:35Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

B5 West IL WELLS ILSG20000026938 1/8 - 1/4 Mile

Lower

Pt api number: 121633038300 Pt status: STRAT

Pt longitude: -89.860748
Pt latitude: 38.55924
Api number: 121633038300
Longitude: -89.860748
Latitude: 38.55924

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: MidAmerica Airport
Farm num: LEB-C6 Company name: IL State Geological Survey

Status:Stratigraphic TestElevation:467Elevref:Topographic MapTotal depth:28Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

C6
NW
IL WELLS
ILEP20000000315

1/8 - 1/4 Mile Lower Well id:

> X coord: -89.85958 Y coord: 38.56155

> Fac name: Not Reported Facility n: Not Reported Addr one t: Not Reported

Addr two t: Not Reported

60196

Not Reported City name: Not Reported State code: Zip code: Not Reported Fips cd: Not Reported Prn cnty: Not Reported Status cd: Not Reported Not Reported Fed type c: B name: Not Reported

Pop cnt: 0

Lat dec de: 0 Long dec d: 0

Meridian: Not Reported Township: Not Reported Not Reported Not Reported Range: Section: 30-DEC-99 W cws num: Updt ts: 1635185 W cws name: SPRING VALLEY MHP W status: В W suscept: G W policy: С

 W min setb:
 0

 W d depth:
 35

 W aquifer:
 1010

 Amb well:
 0

 Pws status:
 I
 Sdwis well:
 WL60196

 Sys number:
 IL1635185
 Api:
 121632977100

C7
NW FED USGS USGS40000295045

1/8 - 1/4 Mile Lower

Org. Identifier: USGS-IL

Formal name: USGS Illinois Water Science Center

Monloc Identifier: USGS-383342089513501

Monloc name: 1N 7W- 3.2d1 Monloc type: Well Monloc desc: Not Reported

Huc code: 07140204 Drainagearea value: Not Reported Not Reported Contrib drainagearea: Not Reported Drainagearea Units: Contrib drainagearea units: Not Reported Latitude: 38.5617159 -89.859822 24000 Longitude: Sourcemap scale: Horiz Acc measure: 5 seconds Horiz Acc measure units:

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 470 Vert measure units: 470 Vert measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Sand and gravel aquifers (glaciated regions)

Formation type: Quaternary System
Aquifer type: Not Reported

Construction date: Not Reported Welldepth: 35

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

D8

NW 1/8 - 1/4 Mile Lower

Org. Identifier: USGS-IL

Formal name: USGS Illinois Water Science Center

Monloc Identifier: USGS-383342089513601

Monloc name: 1N 7W- 3.3d1 Monloc type: Well

Monloc desc: Not Reported Huc code: 07140204

Huc code:07140204Drainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:38.5617159Longitude:-89.8600998Sourcemap scale:24000

FED USGS

USGS40000295046

Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 470 Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Sand and gravel aquifers (glaciated regions)

Quaternary System Formation type: Not Reported Aquifer type:

Construction date: Not Reported

Welldepth: 35 Welldepth units: Wellholedepth: Not Reported ft

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

D9 **FRDS PWS** NW IL1635185

1/8 - 1/4 Mile Lower

> Pwsid: IL1635185 Epa region: 05 State: ΙL County: St. Clair

Pws name: SPRING VALLEY MHP

Population Served: 21 40 Pwssvcconn:

PWS Source: Groundwater Pws type: **CWS**

Status: Closed Owner type: Private

Facility id:

WELL 1-PARK WELL-SW EDGE OF PARK Facility name:

Well Facility type: Treatment process: hypochlorination, post

Treatment objective: disinfection

SPRING VALLEY MHP Contact name:

Original name: Not Reported

Contact phone: Not Reported Contact address1: Not Reported

Contact address2: Not Reported SHILOH VAL TWP Contact city:

Contact zip: 62269

Facility id: 1T

Facility name: WELL 1-PARK WELL-SW EDGE OF PARK

Facility type: hypochlorination, post Treatment_plant Treatment process:

Treatment objective: disinfection

Facility id:

Facility name: WELL 1-PARK WELL-SW EDGE OF PARK

Facility type: Well Treatment process: hypochlorination, pre

disinfection Treatment objective:

Facility id: 1T

WELL 1-PARK WELL-SW EDGE OF PARK Facility name:

Facility type: Treatment_plant Treatment process: hypochlorination, pre

Treatment objective: disinfection

PWS ID: IL1635185

Date Initiated: 8001 Date Deactivated: Not Reported

PWS Name: SPRING VALLEY MHP

SHILOH VAL TWP, IL 62269

Addressee / Facility: Not Reported

Facility Latitude: 38 33 43 Facility Longitude: 089 51 35

City Served: SHILOH VAL TWP

Treatment Class: Treated Population: 00000040

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID: 9425318 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 06/30/94 Vio. Period: 006 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Initial Water Quality Parameter WQP M&R

Contaminant: LEAD & COPPER RULE

Vio. Awareness Date: Not Reported

Violation ID: 9425317 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 04/30/94 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Repeat Minor (TCR)

Contaminant: COLIFORM (TCR)
Vio. Awareness Date: Not Reported

Violation ID: 9425316 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 05/01/94 Vio. end Date: 05/31/94 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Minor (TCR)

Contaminant: COLIFORM (TCR)
Vio. Awareness Date: Not Reported

Violation ID: 9425315 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 04/30/94 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)
Vio. Awareness Date: Not Reported

Violation ID: 9425314 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 04/30/94 Vio. Period: 001 Months

Vio. beginning Date:04/01/94Vio. end Date:04/30/94Vio. Period:Num required Samples:Not ReportedNumber of Samples Taken:Not ReportedAnalysis Result:Not ReportedMaximum Contaminant Level:Not Reported

Analysis Method: Not Reported
Violation Type: MCL, Acute (TCR)
Contaminant: COLIFORM (TCR)
Vio. Awareness Date: Not Reported

Violation ID: 9421791 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROPROPANE

Vio. Awareness Date: Not Reported

Violation ID:9421792Source ID:000PWS Phone:Not ReportedVio. beginning Date:10/01/93Vio. end Date:12/31/93Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method:
Violation Type:
Contaminant:

Not Reported
Maximum Contaminant Le
Maximum

Vio. Awareness Date: Not Reported

Violation ID:9421793Source ID:000PWS Phone:Not ReportedVio. beginning Date:10/01/93Vio. end Date:12/31/93Vio. Period:003 Months

Num required Samples:Not ReportedNumber of Samples Taken:000Analysis Result:Not ReportedMaximum Contaminant Level:Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: TETRACHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9421794 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: MONOCHLOROBENZENE (CHLOROBENZENE)

Vio. Awareness Date: Not Reported

Violation ID: 9421795 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: BENZENE
Vio. Awareness Date: Not Reported

Violation ID:9421796Source ID:000PWS Phone:Not ReportedVio. beginning Date:10/01/93Vio. end Date:12/31/93Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: TOLUENE
Vio. Awareness Date: Not Reported

Violation ID: 9421797 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Monitoring, Regular Violation Type: Contaminant: **ETHYLBENZENE** Vio. Awareness Date: Not Reported

Violation ID: 9421799 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000 Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular

Contaminant: **STYRENE** Vio. Awareness Date: Not Reported

Violation ID: 9321798 Source ID: 000 PWS Phone: Not Reported 07/01/93 09/30/93 Vio. Period: 003 Months Vio. beginning Date: Vio. end Date:

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Not Reported Analysis Method:

Violation Type: Monitoring, Regular Contaminant: **STYRENE** Vio. Awareness Date: Not Reported

Violation ID: 9321800 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 04/01/93 Vio. end Date: 09/30/93 Vio. Period: 006 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Initial Tap Sampling for Pb and Cu Violation Type: Contaminant: LEAD & COPPER RULE

Vio. Awareness Date: Not Reported

PWS Phone: Violation ID: 9421782 Source ID: 000Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Monitoring, Regular Violation Type: Contaminant:

CIS-1,2-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9421783 Source ID: 000 PWS Phone: Not Reported Vio. Period: 12/31/93 003 Months Vio. beginning Date: 10/01/93 Vio. end Date:

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Monitoring, Regular Violation Type: Contaminant: XYLENES, TOTAL Vio. Awareness Date: Not Reported

Violation ID: 9421784 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: O-DICHLOROBENZENE

Vio. Awareness Date: Not Reported

Violation ID:9421785Source ID:000PWS Phone:Not ReportedVio. beginning Date:10/01/93Vio. end Date:12/31/93Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Violation Type: Monitoring, Regular Contaminant: P-DICHLOROBENZENE

Vio. Awareness Date: Not Reported

Violation ID:9421786Source ID:000PWS Phone:Not ReportedVio. beginning Date:10/01/93Vio. end Date:12/31/93Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Conteminant: 11 DICHLOROFTHY

Contaminant: 1,1-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9421787 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: TRANS-1,2-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9421788 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROETHANE

Vio. Awareness Date: Not Reported

Violation ID:9421789Source ID:000PWS Phone:Not ReportedVio. beginning Date:10/01/93Vio. end Date:12/31/93Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Violation Type: Monitoring, Regular Contaminant: 1,1,1-TRICHLOROETHANE

Vio. Awareness Date: Not Reported

Violation ID: 9421790 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 10/01/93 Vio. end Date: 12/31/93 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: CARBON TETRACHLORIDE

Vio. Awareness Date: Not Reported

Violation ID:9423545Source ID:000PWS Phone:Not ReportedVio. beginning Date:01/01/94Vio. end Date:03/31/94Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular

Contaminant: CIS-1,2-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9423546 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method:
Violation Type:
Contaminant:
Vio. Awareness Date:

Not Reported
Monitoring, Regular
XYLENES, TOTAL
Not Reported

Violation ID: 9423547 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: O-DICHLOROBENZENE

Vio. Awareness Date: Not Reported

Violation ID: 9423548 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: P-DICHLOROBENZENE

Vio. Awareness Date: Not Reported

Violation ID: 9423549 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: 1,1-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9423550 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: TRANS-1,2-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID:9423551Source ID:000PWS Phone:Not ReportedVio. beginning Date:01/01/94Vio. end Date:03/31/94Vio. Period:003 Months

Num required Samples:Not ReportedNumber of Samples Taken:000Analysis Result:Not ReportedMaximum Contaminant Level:Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROETHANE

Vio. Awareness Date: Not Reported

Violation ID:9423552Source ID:000PWS Phone:Not ReportedVio. beginning Date:01/01/94Vio. end Date:03/31/94Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: 1,1,1-TRICHLOROETHANE

Vio. Awareness Date: Not Reported

Violation ID: 9423553 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: CARBON TETRACHLORIDE

Vio. Awareness Date: Not Reported

Violation ID: 9423554 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROPROPANE

Vio. Awareness Date: Not Reported

Violation ID: 9423555 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: TRICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9423556 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: TETRACHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID:9423557Source ID:000PWS Phone:Not ReportedVio. beginning Date:01/01/94Vio. end Date:03/31/94Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Re

Violation Type: Monitoring, Regular
Contaminant: MONOCHLOROBENZENE (CHLOROBENZENE)

Vio. Awareness Date: Not Reported

Violation ID: 9423558 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: BENZENE

Contaminant: BENZENE
Vio. Awareness Date: Not Reported

Violation ID: 9423559 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: TOLUENE

Contaminant: TOLUENE
Vio. Awareness Date: Not Reported

Violation ID: 9423560 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 03/31/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: ETHYLBENZENE
Vio. Awareness Date: Not Reported

Violation ID:9423561Source ID:000PWS Phone:Not ReportedVio. beginning Date:01/01/94Vio. end Date:03/31/94Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Violation Type: Monitoring, Regular
Contaminant: STYRENE
Vio. Awareness Date: Not Reported

ENFORCEMENT INFORMATION:

System Name: SPRING VALLEY MHP

Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE Compliance Period: 1993-04-01 - 2015-12-31

Violation ID: 9321800

Enforcement Date: 1994-06-30 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

Contaminant: CIS-1,2-DICHLOROETHYLENE Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423545

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

CIS-1,2-DICHLOROETHYLENE Contaminant: Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423545

1994-05-19 Enf. Action: **Enforcement Date:** State Public Notif Requested

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

CIS-1,2-DICHLOROETHYLENE Contaminant: Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423545

1994-08-15 Enf. Action: State Compliance Achieved **Enforcement Date:**

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular Contaminant: XYLENES, TOTAL Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423546

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular Contaminant: XYLENES, TOTAL Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423546

1994-05-19 **Enforcement Date:** Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular Contaminant: XYLENES, TOTAL 1994-01-01 - 1994-03-31 Compliance Period:

Violation ID: 9423546

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular Contaminant: O-DICHLOROBENZENE Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423547

Enf. Action: **Enforcement Date:** 1994-05-19 State Violation/Reminder Notice

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular Contaminant: O-DICHLOROBENZENE Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423547

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular Contaminant: O-DICHLOROBENZENE Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423547

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: P-DICHLOROBENZENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423548

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: P-DICHLOROBENZENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423548

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: P-DICHLOROBENZENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423548
Enforcement Date: 1994-08-14

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,1-DICHLOROETHYLENE

Compliance Period: 1994-01-01 - 1994-03-31 Violation ID: 9423549

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,1-DICHLOROETHYLENE
Compliance Period: 1994-01-01 - 1994-03-31

Compliance Period: 1994-01-01 - 1994-03-31 Violation ID: 9423549

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,1-DICHLOROETHYLENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423549

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular

Contaminant: TRANS-1,2-DICHLOROETHYLENE

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423550

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular

Contaminant: TRANS-1,2-DICHLOROETHYLENE

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423550

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular

Contaminant: TRANS-1,2-DICHLOROETHYLENE

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423550

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROETHANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423551

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROETHANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423551 Enforcement Date: 1994-05-19

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROETHANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423551 Enforcement Date: 9423551

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,1,1-TRICHLOROETHANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423552

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,1,1-TRICHLOROETHANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 1994-01-01 - 1994-01 - 1994-01

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,1,1-TRICHLOROETHANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423552

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular

Contaminant: CARBON TETRACHLORIDE Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423553 Enforcement Date: 9423553

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Conteminant: CARRON TETRACHI ORI

Contaminant: CARBON TETRACHLORIDE Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423553 Enforcement Date: 1994-05-19

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: CARBON TETRACHLORIDE

Compliance Period: 1994-01-01 - 1994-03-31 Violation ID: 9423553

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROPROPANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423554

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROPROPANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423554

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROPROPANE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423554
Enforcement Date: 1994-08-19

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: TRICHLOROETHYLENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423555

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: TRICHLOROETHYLENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423555 Enforcement Date: 1994-05-19

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: TRICHLOROETHYLENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423555

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: TETRACHLOROETHYLENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423556

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: TETRACHLOROETHYLENE
Compliance Period: 1994-01-01 - 1994-03-31

Compliance Period: 1994-01-01 - 1994-03-31
Violation ID: 9423556

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: TETRACHLOROETHYLENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423556

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

MONOCHLOROBENZENE (CHLOROBENZENE) Contaminant:

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423557

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

MONOCHLOROBENZENE (CHLOROBENZENE) Contaminant:

Compliance Period: 1994-01-01 - 1994-03-31

9423557 Violation ID:

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

MONOCHLOROBENZENE (CHLOROBENZENE) Contaminant:

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423557

1994-08-15 Enf. Action: State Compliance Achieved **Enforcement Date:**

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular BENZENE Contaminant:

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423558

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

Contaminant: **BENZENE**

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423558

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

Contaminant: BENZENE

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423558

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

SPRING VALLEY MHP System Name: Violation Type: Monitoring, Regular Contaminant: **TOLUENE**

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423559

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular Contaminant: **TOLUENE** Compliance Period:

1994-01-01 - 1994-03-31

Violation ID: 9423559 **Enforcement Date:** 1994-05-19

Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP Violation Type: Monitoring, Regular

Contaminant: **TOLUENE**

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423559

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: ETHYLBENZENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423560

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: ETHYLBENZENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423560

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contaminant: ETHYLBENZENE
Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423560
Enforcement Date: 1994-08-15

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular
Contemporate STYPENE

Contaminant: STYRENE

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423561

Enforcement Date: 1994-05-19 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular

Contaminant: STYRENE

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423561

Enforcement Date: 1994-05-19 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: Monitoring, Regular

Contaminant: STYRENE

Compliance Period: 1994-01-01 - 1994-03-31

Violation ID: 9423561

Enforcement Date: 1994-08-15 Enf. Action: State Compliance Achieved

System Name: SPRING VALLEY MHP
Violation Type: MCL, Acute (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9425314 Enforcement Date: 9425314

Enforcement Date: 1994-07-02 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP
Violation Type: MCL, Acute (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-3

Compliance Period: 1994-04-01 - 1994-04-30 Violation ID: 9425314

Enforcement Date: 1994-07-02 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP
Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9425315

Enforcement Date: 1994-07-02 Enf. Action: State Violation/Reminder Notice

ENFORCEMENT INFORMATION:

System Name: SPRING VALLEY MHP
Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9425315

Enforcement Date: 1994-07-02 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP

Violation Type: Monitoring, Routine Minor (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-05-01 - 1994-05-31

Violation ID: 9425316

Enforcement Date: 1994-08-06 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP

Violation Type: Monitoring, Routine Minor (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-05-01 - 1994-05-31

Violation ID: 9425316
Enforcement Date: 1994-08-0

Enforcement Date: 1994-08-06 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP

Violation Type: Monitoring, Repeat Minor (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9425317

Enforcement Date: 1994-07-02 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP

Violation Type: Monitoring, Repeat Minor (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-04-01 - 1994-04-30

Violation ID: 9425317 Enforcement Date: 1994-07-02

Enforcement Date: 1994-07-02 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP

Violation Type: Initial Water Quality Parameter WQP M&R

Contaminant: LEAD & COPPER RULE Compliance Period: 1994-01-01 - 1994-06-30

Violation ID: 9425318

Enforcement Date: Not Reported Enf. Action: Not Reported

System Name: SPRING VALLEY MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-06-01 - 1994-06-30

Violation ID: 9426678

Enforcement Date: 1994-09-10 Enf. Action: State Violation/Reminder Notice

System Name: SPRING VALLEY MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-06-01 - 1994-06-30

Violation ID: 1994-00-01 - 1994

9426678

Enforcement Date: 1994-09-10 Enf. Action: State Public Notif Requested

System Name: SPRING VALLEY MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-08-01 - 1994-08-31

Violation ID: 9426679

Enforcement Date: Not Reported Enf. Action: Not Reported

Map ID Direction Distance

D10

Elevation Database EDR ID Number

NW 1/8 - 1/4 Mile IL WELLS ILSG20000027097

Lower

Pt api number: 121630186400 Pt status: WATER

Pt longitude: -89.859789
Pt latitude: 38.562341
Api number: 121630186400
Longitude: -89.859789
Latitude: 38.562341

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Bizenberger, August Farm num: 19 Company name: Quality Farm Equipment

Water Well Status: Elevation: 473 Elevref: Topographic Map Total depth: 166 Wformation: gray shale Wfmfrom: 150 Wfmto: 166 Pumpgpm: 1

D11 NW 1/4 - 1/2 Mile Lower

FED USGS USGS40000295047 - 1/2 Mile

Lower

Org. Identifier: USGS-IL

Formal name: USGS Illinois Water Science Center

Monloc Identifier: USGS-383342089513801

Monloc name: 2N 7W-21.1h1

Monloc type: Well

Monloc desc: Not Reported Huc code: 07140204

Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 38.5617159 Latitude: -89.8606554 Longitude: Sourcemap scale: 24000 Horiz Acc measure: 5 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 468
Vert measure units: feet Vertacc measure val: 1

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Sand and gravel aquifers (glaciated regions)

Formation type: Quaternary System

Aquifer type: Not Reported

Construction date: Not Reported Welldepth: 30

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

D12 NW 1/4 - 1/2 Mile Lower

IL WELLS ILEP2000000316

Well id: 60193 X coord: -89.86057 Y coord: 38.56181

Fac name: Not Reported Facility n: Not Reported

Addr one t: Not Reported
Addr two t: Not Reported
City come: Not Reported

City name: Not Reported State code: Not Reported Zip code: Not Reported Fips cd: Not Reported Prn cnty: Not Reported Status cd: Not Reported Fed type c: Not Reported Not Reported B name:

Pop cnt: 0
Lat dec de: 0
Long dec d: 0

Meridian: Not Reported Township: Not Reported Not Reported Section: Not Reported Range: 30-DEC-99 1635185 Updt ts: W cws num: SPRING VALLEY MHP W cws name: W status: В С W policy:

 W suscept:
 G

 W min setb:
 0

 W d depth:
 35

 W aquifer:
 1010

 Amb well:
 0

 Pws status:
 I
 Sdwis well:
 WL60193

 Sys number:
 IL1635185
 Api:
 121632977000

D13
NW
IL WELLS
ILSG20000027040
1/4 - 1/2 Mile

Lower

Pt api number: 121632977300 Pt status: WATER

 Pt longitude:
 -89.86096

 Pt latitude:
 38.56155

 Api number:
 121632977300

 Longitude:
 -89.86096

 Latitude:
 38.56155

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir:WFarm name:Spring Valley MHFarm num:3Company name:Not Reported

Status:Water WellElevation:0Elevref:Not ReportedTotal depth:35Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

D14
NW
IL WELLS
ILSG20000027038
1/4 - 1/2 Mile

Pt api number: 121632977000 Pt status: WATER

Pt longitude: -89.86096
Pt latitude: 38.56155
Api number: 121632977000
Longitude: -89.86096
Latitude: 38.56155

Lower

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir:WFarm name:Spring Valley MHFarm num:1Company name:Not Reported

Status:Water WellElevation:0Elevref:Not ReportedTotal depth:35Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

D15 NW IL WELLS ILSG20000027039

1/4 - 1/2 Mile Lower

Pt api number: 121632977200 Pt status: WATER

Pt longitude: -89.86096
Pt latitude: 38.56155
Api number: 121632977200
Longitude: -89.86096
Latitude: 38.56155

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Spring Valley MH Farm num: 2 Company name: Not Reported

 Status:
 Water Well
 Elevation:
 0

 Elevref:
 Not Reported
 Total depth:
 35

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

16 South IL WELLS ILSG20000026755

1/4 - 1/2 Mile Lower

Pt api number: 121630126200 Pt status: WATER

Pt longitude: -89.857421
Pt latitude: 38.554966
Api number: 121630126200
Longitude: -89.857421
Latitude: 38.554966

 Section:
 10
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Scott Field Test
Farm num: 20 Company name: U S Army Corp Of Eng

Status:Water WellElevation:472Elevref:Ground levelTotal depth:50Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

17 North IL WELLS ILSG20000027175

1/4 - 1/2 Mile Higher

Pt api number: 121630186300 Pt status: WATER

Pt longitude: -89.857453
Pt latitude: 38.564112
Api number: 121630186300
Longitude: -89.857453
Latitude: 38.564112

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Holcombe J A Farm num: 14 Company name: Quality Farm Equip

Status: Water Well 0 Elevation: Elevref: Not Reported Total depth: 120 Wformation: Not Reported Wfmfrom: 0 0 Wfmto: Pumpgpm:

IL WELLS ILSG20000027086

1/4 - 1/2 Mile Higher

> Pt api number: 121633033100 Pt status: **STRAT**

Pt longitude: -89.850533 Pt latitude: 38.562148 Api number: 121633033100 Longitude: -89.850533 Latitude: 38.562148

Section: 2 Twp: Tdir: Ν Rng:

Rdir: W Farm name: Mid-America Airport Farm num: LEB C2 Company name: IL State Geological Survey

Status: Stratigraphic Test Elevation: 504 Elevref: GΡ Total depth: 115 Wformation: 0 Not Reported Wfmfrom:

Wfmto: Pumpgpm: 0

19 NW **IL WELLS** ILSG20000027172

1/4 - 1/2 Mile Lower

> WATER Pt api number: 121632372400 Pt status:

Pt longitude: -89.862505 Pt latitude: 38.563956 Api number: 121632372400 Longitude: -89.862505 Latitude: 38.563956

Section: 3 Twp: 1 Tdir: Ν Rng:

Rdir: W Farm name: Klotz, Delmar Not Reported Farm num: Company name: Kohnen, Clarence

Water Well Status: Elevation: 470 Elevref: Topographic Map Total depth: 35 Wformation: sandy clay Wfmfrom: 25 Wfmto: Pumpgpm: 0

E20 SE 1/4 - 1/2 Mile **IL WELLS** ILSG20000026754

Pt api number: 121630127000 Pt status: WATER

Pt longitude: -89.850533 Pt latitude: 38.554965 Api number: 121630127000 Longitude: -89.850533 Latitude: 38.554965

Section: 11 Twp: Tdir: Ν Rng:

Farm name: Scott Field Test Rdir: W Farm num: 21 Company name: U S Army Corp Of Eng

Status:Water WellElevation:462Elevref:Ground levelTotal depth:53Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

E21 SE IL WELLS ILSG20000026758

1/2 - 1 Mile Lower

Pt api number: 121630126100 Pt status: WATER

Pt longitude: -89.8495
Pt latitude: 38.555062
Api number: 121630126100
Longitude: -89.8495
Latitude: 38.555062

 Section:
 2
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Dougherty Leo J
Farm num: 1 Company name: Layne Western Co., Inc.

 Status:
 Water Well
 Elevation:
 0

 Elevref:
 Not Reported
 Total depth:
 63

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

22 ENE IL WELLS ILSG20000027170

1/2 - 1 Mile Higher

Higher

Pt api number: 121630288500 Pt status: ENG

Pt longitude: -89.84826
Pt latitude: 38.563919
Api number: 121630288500
Longitude: -89.84826
Latitude: 38.563919

 Section:
 2
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Tr 222 Bridge
Farm num: B-12 Company name: IL Dept. of Transportation

Status:Engineering TestElevation:494Elevref:Ground levelTotal depth:71Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

23 NW IL WELLS ILSG20000027214 1/2 - 1 Mile

Pt api number: 121630276300 Pt status: WATER

Pt longitude: -89.865644
Pt latitude: 38.565158
Api number: 121630276300
Longitude: -89.865644
Latitude: 38.565158

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Bizenberger, August Farm num: 27 Company name: Haudrich Drill Co.

Status: Water Well 473 Elevation: Elevref: Topographic Map Total depth: 545 Wformation: sandstone Wfmfrom: 0 Wfmto: 545 Pumpgpm: 15

NE 1/2 - 1 Mile **IL WELLS** ILSG20000027229

Higher

Pt api number: 121632802400 Pt status: **ENG**

Pt longitude: -89.847345 Pt latitude: 38.565231 Api number: 121632802400 Longitude: -89.847345 Latitude: 38.565231

Section: 2 Twp: Tdir: 7 Ν Rng:

W Rdir: Farm name: TR 222 over FAI 64 Farm num: Company name: IL Dept. of Transportation

Status: **Engineering Test** Elevation: 497 Elevref: Ground level Total depth: 54 Wformation: Not Reported 0 Wfmfrom: 0 Wfmto: Pumpgpm:

F25 NE 1/2 - 1 Mile **IL WELLS** ILSG20000027231

Lower

ENG Pt api number: 121632802500 Pt status:

Pt longitude: -89.84724 Pt latitude: 38.565339 Api number: 121632802500 Longitude: -89.84724 Latitude: 38.565339

Section: 2 Twp: 1 Tdir: Ν Rng:

Rdir: W Farm name: TR 222 over FAI 64 Farm num: B-9 Company name: IL Dept. of Transportation

Status: **Engineering Test** Elevation: 495 Elevref: Ground level Total depth: 54 Wformation: Not Reported Wfmfrom: 0 Wfmto: Pumpgpm: 0

F26 **IL WELLS** ILSG20000027246

1/2 - 1 Mile

Pt api number: 121632802600 Pt status: **ENG**

Pt longitude: -89.84703 Pt latitude: 38.565475 Api number: 121632802600 Longitude: -89.84703 Latitude: 38.565475

Section: 2 Twp: Tdir: Ν Rng:

Farm name: Rdir: W TR 222 over FAI 64 Farm num: B-10 Company name: IL Dept. of Transportation

Status:Engineering TestElevation:495Elevref:Ground levelTotal depth:59Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

NE IL WELLS ILSG20000027260

1/2 - 1 Mile Lower

Pt api number: 121632802700 Pt status: ENG

Pt longitude: -89.846855
Pt latitude: 38.565608
Api number: 121632802700
Longitude: -89.846855
Latitude: 38.565608

 Section:
 2
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: TR 222 over FAI 64
Farm num: B-11 Company name: IL Dept. of Transportation

 Status:
 Engineering Test
 Elevation:
 494

 Elevref:
 Ground level
 Total depth:
 54

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

NE 1/2 - 1 Mile Higher

Pt api number: 121632802800 Pt status: ENG

Pt longitude: -89.846715
Pt latitude: 38.565716
Api number: 121632802800
Longitude: -89.846715
Latitude: 38.565716

 Section:
 2
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: TR 222 over FAI 64
Farm num: B-12 Company name: IL Dept. of Transportation

Status:Engineering TestElevation:494Elevref:Ground levelTotal depth:71Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

29 WNW IL WELLS ILSG20000027093

1/2 - 1 Mile Higher

Pt api number: 121632583200 Pt status: WATER

Pt longitude: -89.870781
Pt latitude: 38.562298
Api number: 121632583200
Longitude: -89.870781
Latitude: 38.562298

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: E & M Mobile Home Repair

Farm num: 1 Company name: Kohnen, Clarence

Status: Water Well 520 Elevation: Elevref: Topographic Map Total depth: 56 Wformation: clay-sand Wfmfrom: 21 0 Wfmto: 22 Pumpgpm:

30 ESE IL WELLS ILSG20000026752

1/2 - 1 Mile Lower

Pt api number: 121630127100 Pt status: WATER

Pt longitude: -89.843642
Pt latitude: 38.554881
Api number: 121630127100
Longitude: -89.843642
Latitude: 38.554881

 Section:
 11
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Scott Field Test
Farm num: 22 Company name: U S Army Corp Of Eng

Status:Water WellElevation:437Elevref:Ground levelTotal depth:24Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

31 West IL WELLS ILSG20000027032

West 1/2 - 1 Mile Higher

Pt api number: 121632646200 Pt status: WATER

Pt longitude: -89.871719
Pt latitude: 38.561434
Api number: 121632646200
Longitude: -89.871719
Latitude: 38.561434

 Section:
 3
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Crestoni, Joseph Farm num: Not Reported Company name: Kohnen, Clarence

Status:Water WellElevation:500Elevref:Topographic MapTotal depth:36Wformation:clay-sandWfmfrom:11Wfmto:12Pumpgpm:0

32 South IL WELLS ILSG20000026382

1/2 - 1 Mile Lower

Pt api number: 121630126900 Pt status: DRY

Pt longitude: -89.853978
Pt latitude: 38.546909
Api number: 121630126900
Longitude: -89.853978
Latitude: 38.546909

 Section:
 11
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Scott Field Test
Farm num: 19 Company name: U S Army Corp Of Eng

Status: Dry Hole 443 Elevation: Elevref: Ground level Total depth: 39 Wformation: Not Reported Wfmfrom: 0 0 Wfmto: Pumpgpm:

WNW 1/2 - 1 Mile **IL WELLS** ILSG20000027081

Higher

Pt api number: 121633038400 Pt status: **STRAT**

Pt longitude: -89.873817 Pt latitude: 38.562045 Api number: 121633038400 Longitude: -89.873817 Latitude: 38.562045

Section: 3 Twp: Tdir: Ν Rng:

Rdir: W Farm name: MidAmerica Airport Farm num: LEB C5 Company name: IL State Geological Survey

Status: Stratigraphic Test Elevation: 479 Elevref: Topographic Map Total depth: 46 Wformation: Not Reported 0 Wfmfrom: 0 Wfmto: Pumpgpm:

IL WELLS ILSG20000027470

NW 1/2 - 1 Mile Higher

> WATER Pt api number: 121630350600 Pt status:

Pt longitude: -89.869565 Pt latitude: 38.569317 Api number: 121630350600 Longitude: -89.869565 Latitude: 38.569317

Section: 3 Twp: 1 Tdir: Ν Rng:

Rdir: W Farm name: Klotz, Louis Not Reported Farm num: Company name: Kohnen, Clarence

Water Well Status: Elevation: 490 Elevref: Topographic Map Total depth: 46 Wformation: sandy clay Wfmfrom: 20 Wfmto: Pumpgpm: 0

IL WELLS ILSG20000026536

1/2 - 1 Mile

Pt api number: 121632943900 Pt status: WATER

Pt longitude: -89.844096 Pt latitude: 38.549915 Api number: 121632943900 Longitude: -89.844096 Latitude: 38.549915

Section: 11 Twp: Tdir: Ν Rng:

Rdir: W Farm name: Scott Air Force Base Farm num: 2or12-52 Company name: Hayes & Sims

Status:Water WellElevation:0Elevref:Not ReportedTotal depth:95Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

36 SSE IL WELLS ILSG20000026377

1/2 - 1 Mile Lower

Pt api number: 121630126500 Pt status: WATER

Pt longitude: -89.849369
Pt latitude: 38.546824
Api number: 121630126500
Longitude: -89.849369
Latitude: 38.546824

 Section:
 11
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Scott Field Test
Farm num: 1 Company name: U S Army Corp Of Eng

 Status:
 Water Well
 Elevation:
 440

 Elevref:
 Ground level
 Total depth:
 40

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

37 WSW IL WELLS ILSG20000026762

1/2 - 1 Mile Higher

Pt api number: 121630335100 Pt status: WATER

Pt longitude: -89.874189
Pt latitude: 38.555101
Api number: 121630335100
Longitude: -89.874189
Latitude: 38.555101

 Section:
 9
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Haudrich Emil Farm num: Company name: Kohnen, Clarence E.

Status:Water WellElevation:0Elevref:Not ReportedTotal depth:98Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

G38
West IL WELLS ILSG20000027083

West 1/2 - 1 Mile Lower

Pt api number: 121630271100 Pt status: WATER

Pt longitude: -89.874978
Pt latitude: 38.562089
Api number: 121630271100
Longitude: -89.874978
Latitude: 38.562089

 Section:
 4
 Twp:
 1

 Tdir:
 N
 Rng:
 7

Rdir: W Farm name: Bage Sam

Farm num: Not Reported Company name: Kohnen, Clarence E.

 Status:
 Water Well
 Elevation:
 0

 Elevref:
 Not Reported
 Total depth:
 39

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

AREA RADON INFORMATION

Federal EPA Radon Zone for ST CLAIR County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map. USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Records

Source: Illinois Geological Survey Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

Water Well Location Information

Source: Illinois Environmental Protection Agency

Telephone: 217-782-0810

OTHER STATE DATABASE INFORMATION

RADON

State Database: IL Radon

Source: Department of Nuclear Safety

Telephone: 217-785-9958 County Radon Results

Area Radon Information Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

TC4085345.2s Page PSGR-2

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.



Scott Air Force Base - NGA

Cherry Grove School Road Scott Air Force Base, IL 62225

Inquiry Number: 4085345.4

September 26, 2014

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

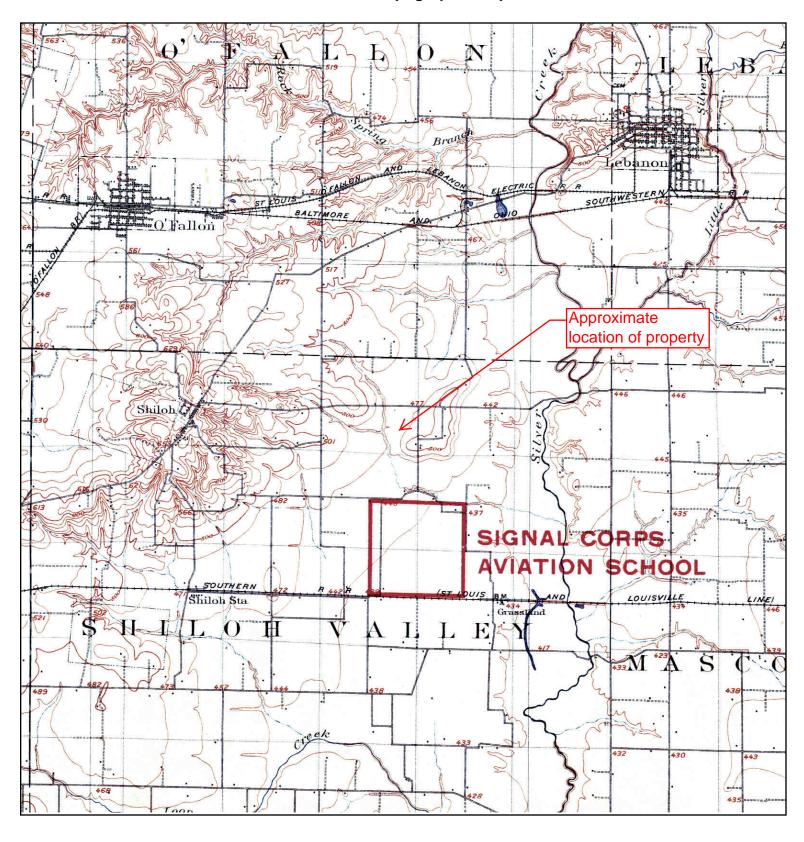
Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.





TARGET QUAD

NAME: BELLEVILLE

MAP YEAR: 1907

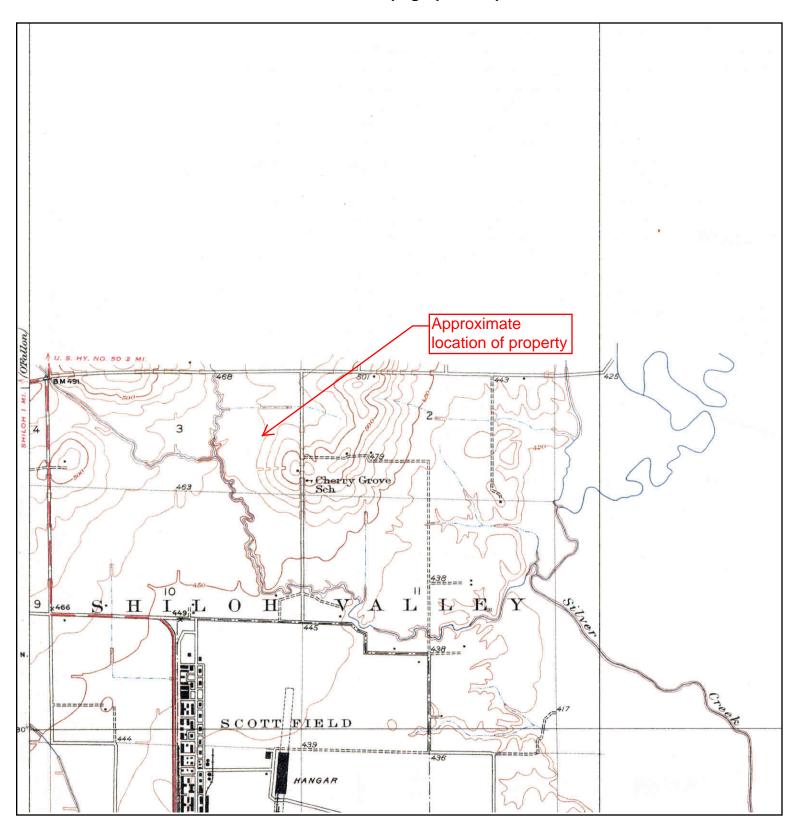
SERIES: 15 SCALE: 1:62500 SITE NAME: Scott Air Force Base - NGA

ADDRESS: Cherry Grove School Road Scott Air Force Base, IL

LAT/LONG: 38.5594 / -89.8571

CLIENT: CH2M Hill, Inc.
CONTACT: Jesse A. Brown
INQUIRY#: 4085345.4

RESEARCH DATE: 09/26/2014





TARGET QUAD

NAME: LEBANON

MAP YEAR: 1935

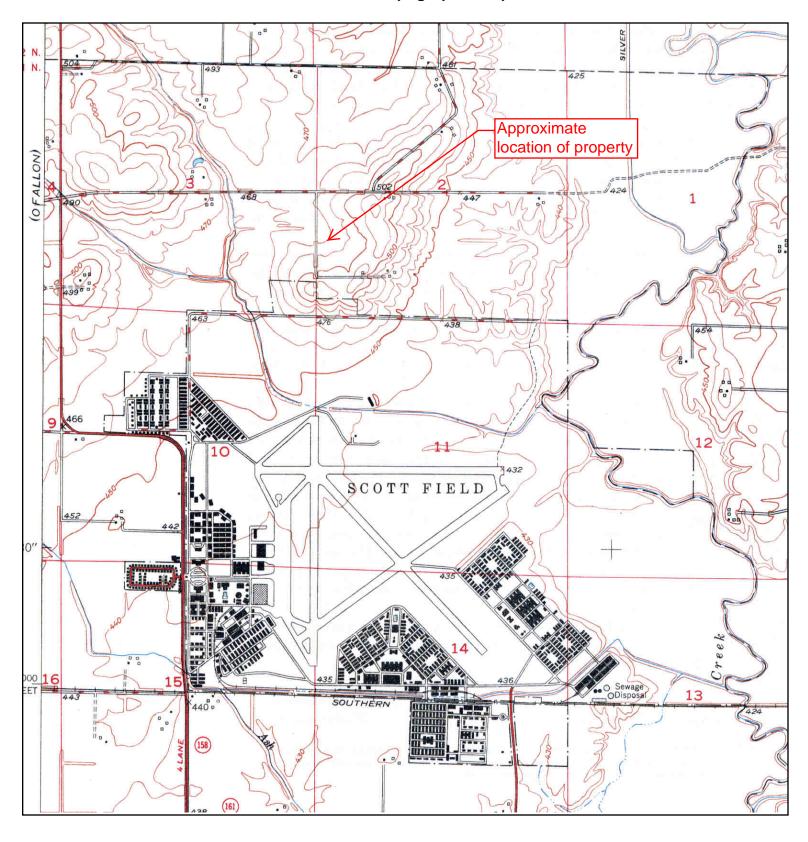
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Scott Air Force Base - NGA

ADDRESS: Cherry Grove School Road Scott Air Force Base, IL

LAT/LONG: 38.5594 / -89.8571

CLIENT: CH2M Hill, Inc.
CONTACT: Jesse A. Brown
INQUIRY#: 4085345.4

RESEARCH DATE: 09/26/2014





TARGET QUAD

NAME: LEBANON

MAP YEAR: 1949

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Scott Air Force Base - NGA

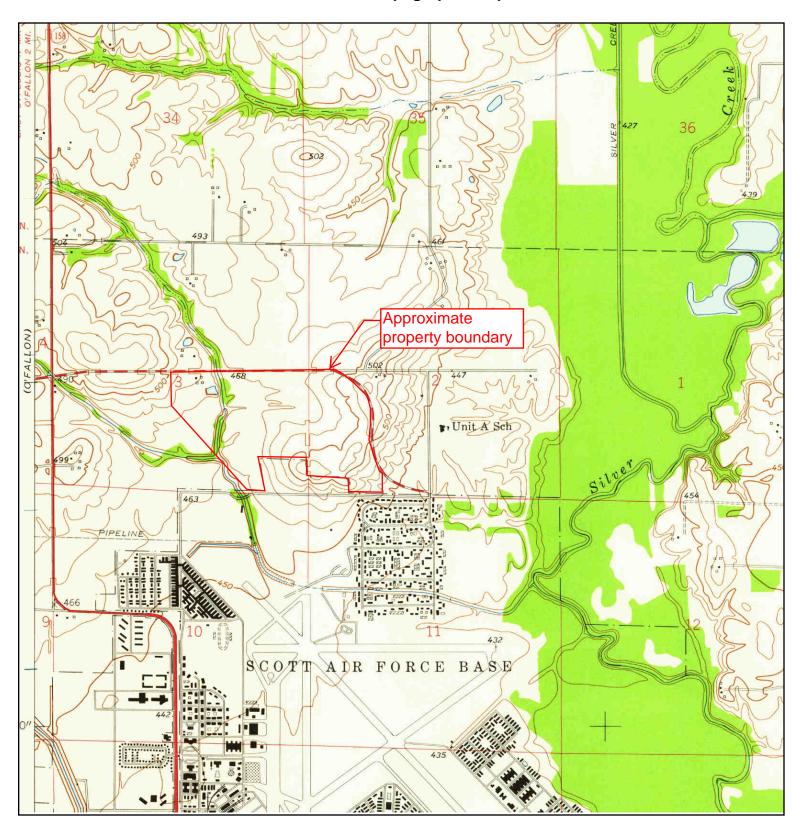
ADDRESS: Cherry Grove School Road

Scott Air Force Base, IL LAT/LONG: 38.5594 / -89.8571

CONTACT: Jesse A. Brown INQUIRY#: 4085345.4 RESEARCH DATE: 09/26/2014

CH2M Hill, Inc.

CLIENT:





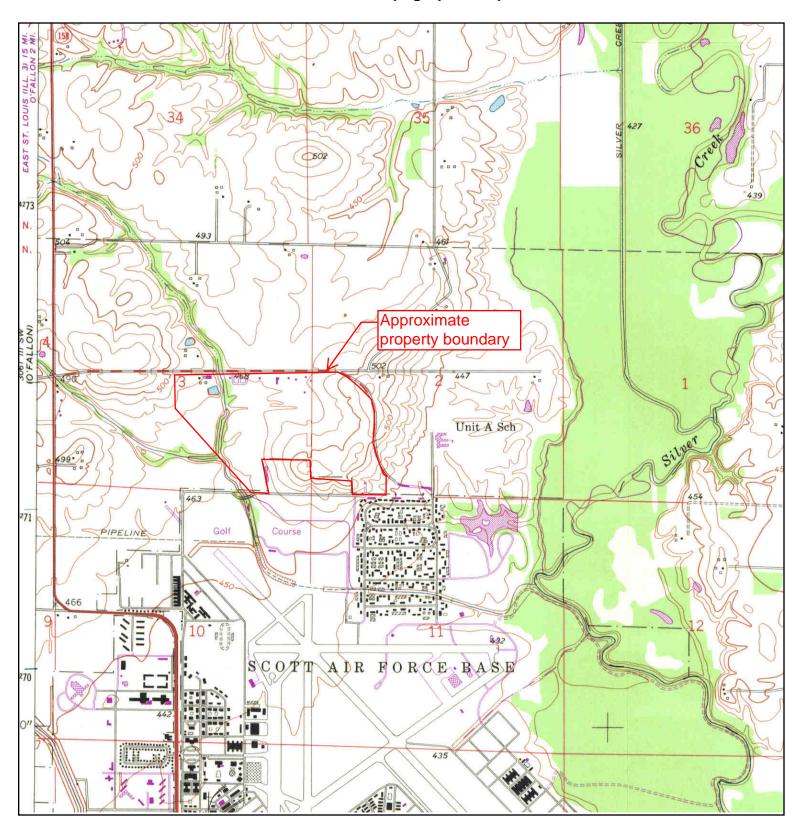
TARGET QUAD

NAME: LEBANON MAP YEAR: 1954

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Scott Air Force Base - NGA

ADDRESS: Cherry Grove School Road Scott Air Force Base, IL

LAT/LONG: 38.5594 / -89.8571





TARGET QUAD

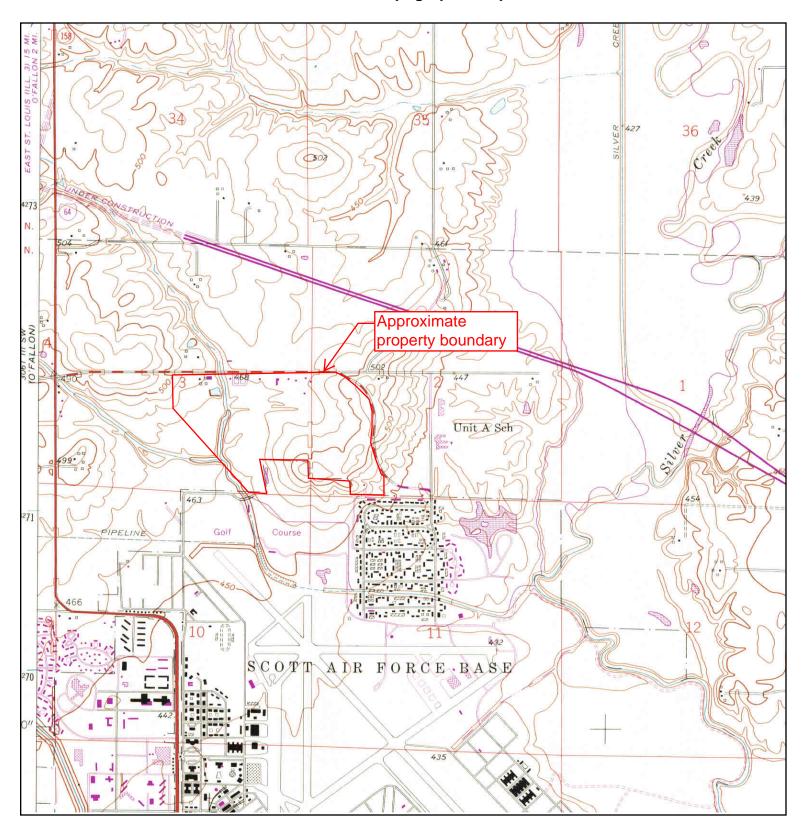
NAME: LEBANON MAP YEAR: 1968

PHOTOREVISED FROM:1954

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Scott Air Force Base - NGA ADDRESS: Cherry Grove School Road

Scott Air Force Base, IL

LAT/LONG: 38.5594 / -89.8571





TARGET QUAD

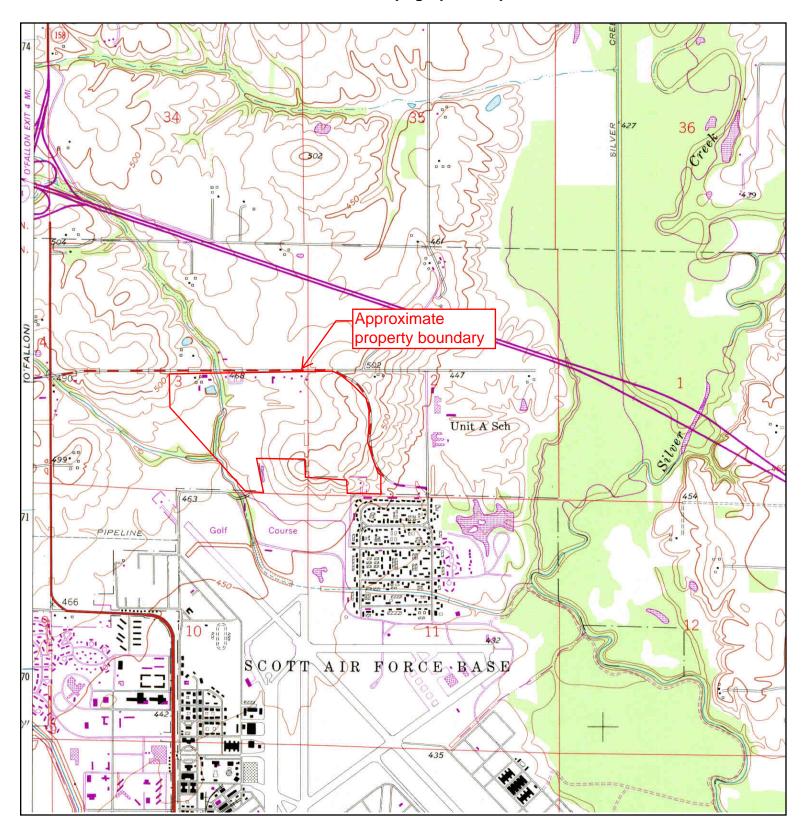
NAME: LEBANON MAP YEAR: 1974

PHOTOREVISED FROM:1954

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Scott Air Force Base - NGA

ADDRESS: Cherry Grove School Road

Scott Air Force Base, IL LAT/LONG: 38.5594 / -89.8571





TARGET QUAD

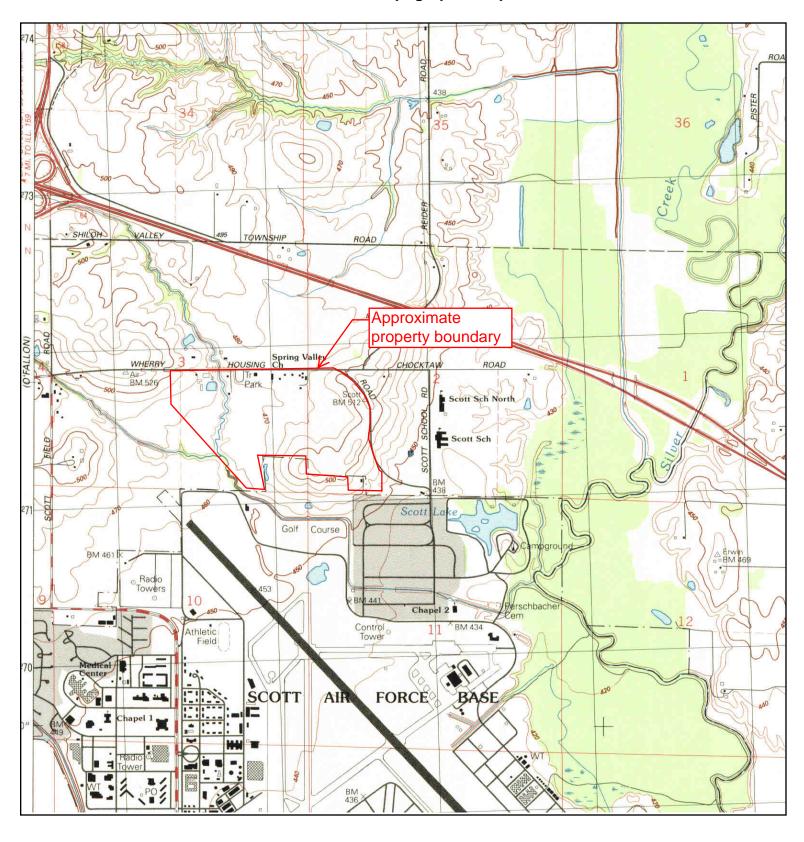
NAME: LEBANON MAP YEAR: 1982

PHOTOREVISED FROM: 1954

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Scott Air Force Base - NGA ADDRESS: Cherry Grove School Road

Scott Air Force Base, IL

LAT/LONG: 38.5594 / -89.8571





TARGET QUAD

NAME: LEBANON MAP YEAR: 1991

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Scott Air Force Base - NGA ADDRESS: Cherry Grove School Road

Scott Air Force Base, IL LAT/LONG: 38.5594 / -89.8571

Scott Air Force Base - NGA

Cherry Grove School Road Scott Air Force Base, IL 62225

Inquiry Number: 4085345.9

September 29, 2014

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc., All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

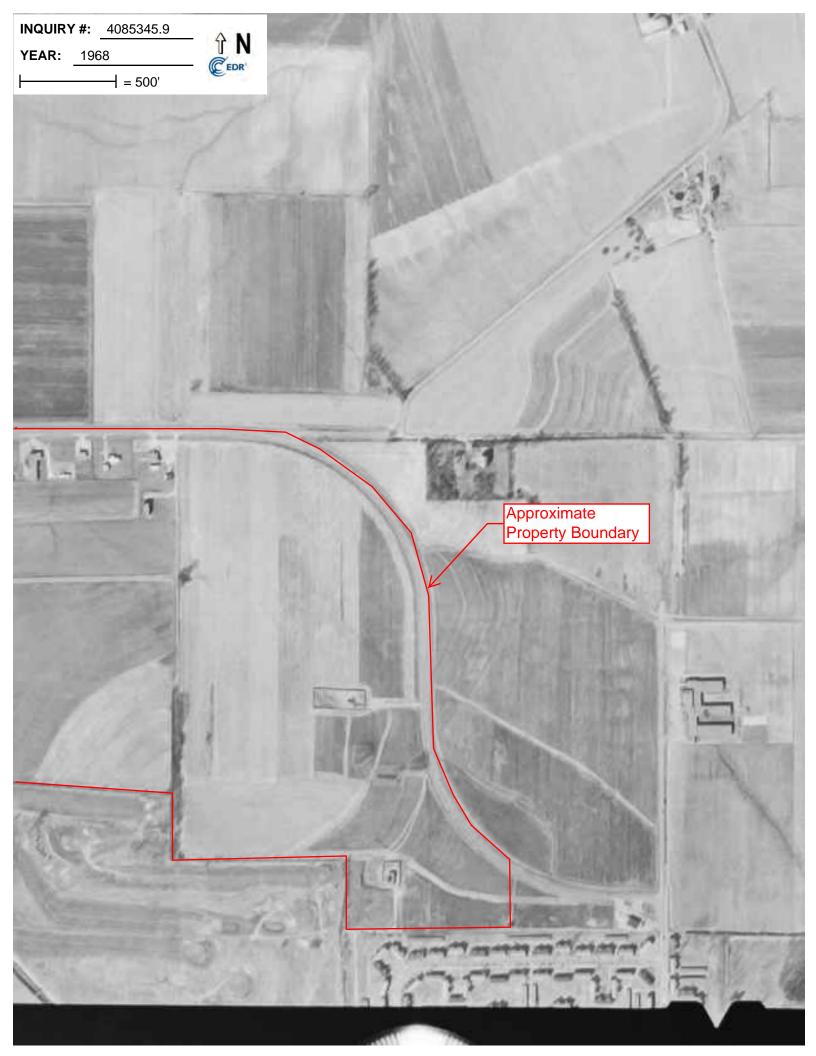
Aerial Photography September 29, 2014

Target Property:

Cherry Grove School Road Scott Air Force Base, IL 62225

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1968	Aerial Photograph. Scale: 1"=500'	Flight Date: March 03, 1968	EDR
1968	Aerial Photograph. Scale: 1"=500'	Flight Date: March 03, 1968	EDR
1973	Aerial Photograph. Scale: 1"=500'	Flight Date: November 07, 1973	EDR
1973	Aerial Photograph. Scale: 1"=500'	Flight Date: November 07, 1973	EDR
1981	Aerial Photograph. Scale: 1"=500'	Flight Date: November 11, 1981	EDR
1981	Aerial Photograph. Scale: 1"=500'	Flight Date: November 11, 1981	EDR
1988	Aerial Photograph. Scale: 1"=750'	Flight Date: April 04, 1988	EDR
1993	Aerial Photograph. Scale: 1"=500'	Flight Date: March 28, 1993	EDR
1993	Aerial Photograph. Scale: 1"=500'	Flight Date: March 28, 1993	EDR
1998	Aerial Photograph. Scale: 1"=750'	Flight Date: April 02, 1998	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2005	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: February 18, 2005	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: February 18, 2005	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2007	Aerial Photograph. Scale: 1"=500'	Flight Year: 2007	USDA/NAIP
2007	Aerial Photograph. Scale: 1"=500'	Flight Year: 2007	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP

Year 2009	Scale Aerial Photograph. Scale: 1"=500'	Details Flight Year: 2009	Source USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP





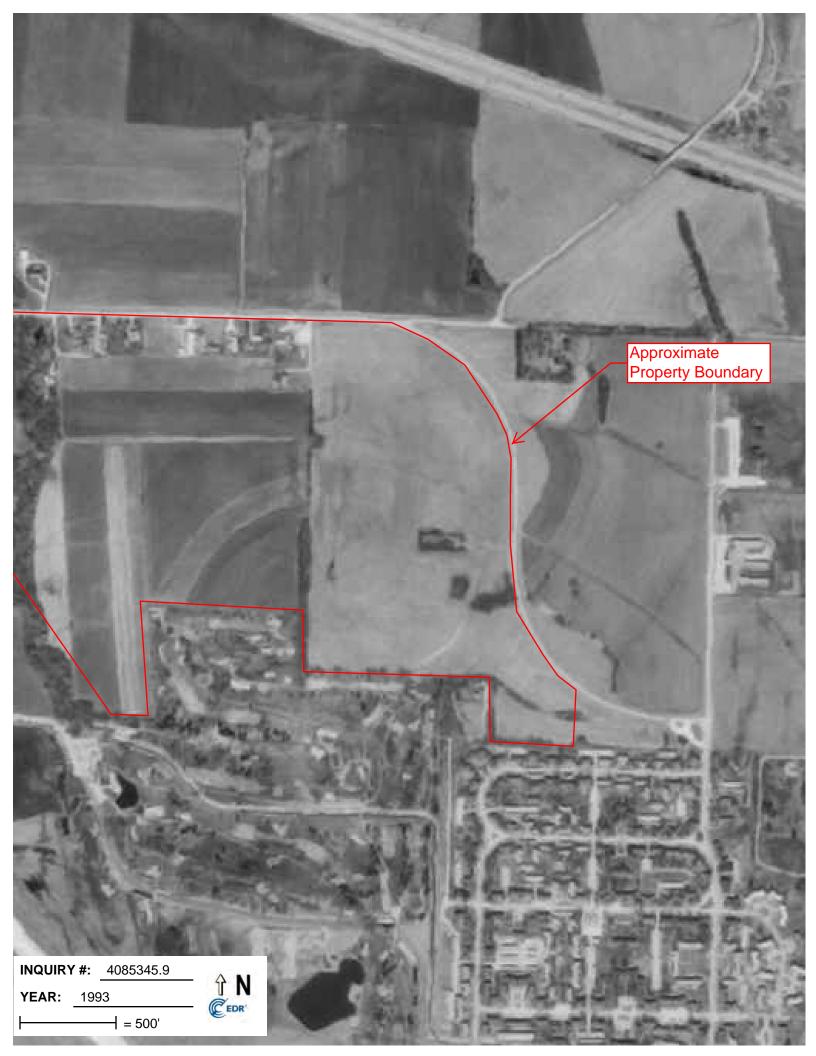




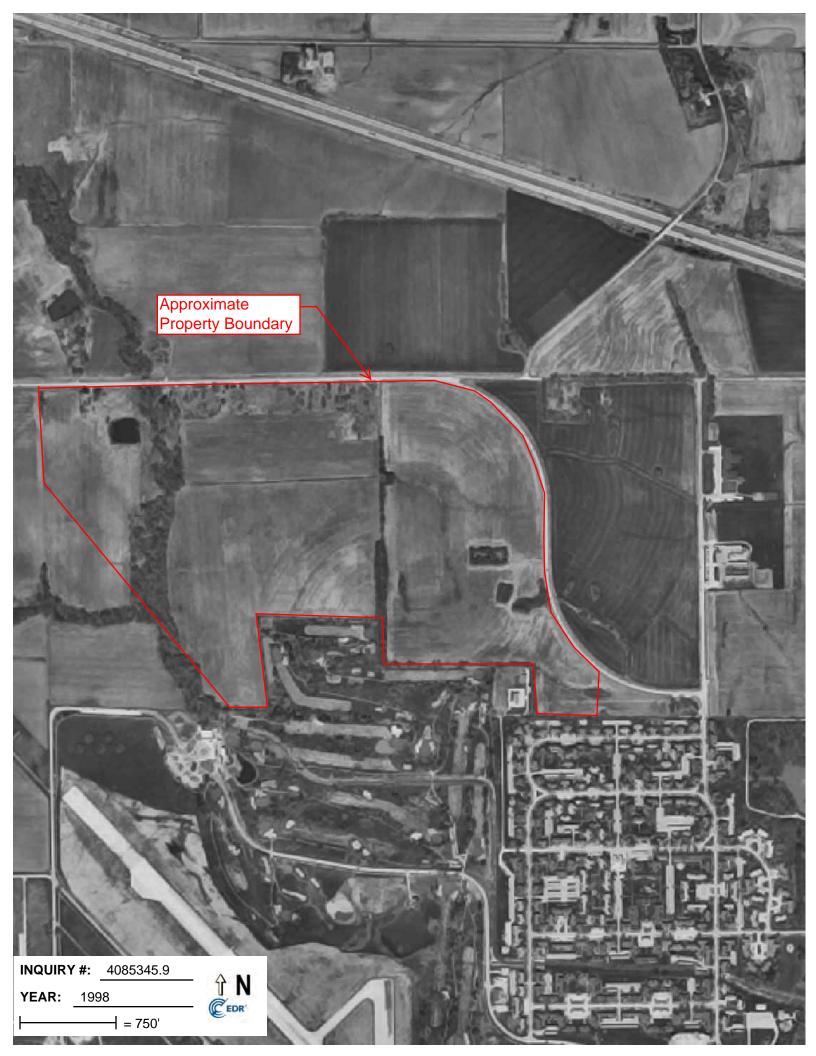






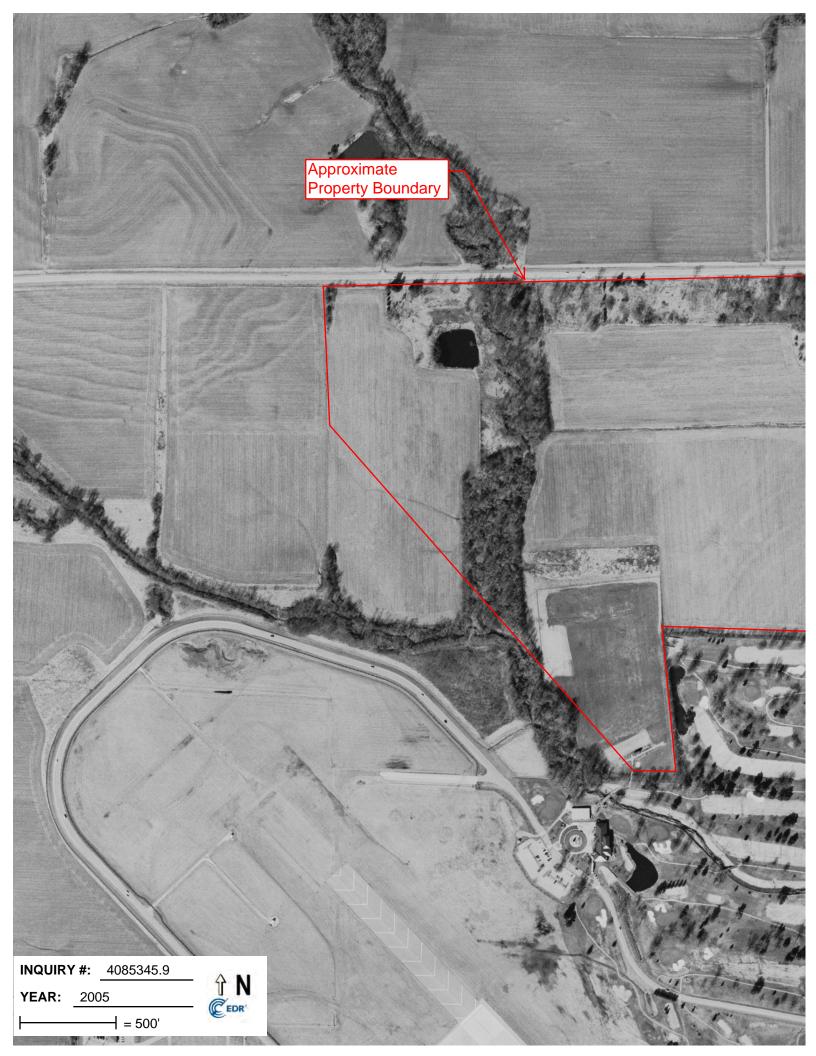


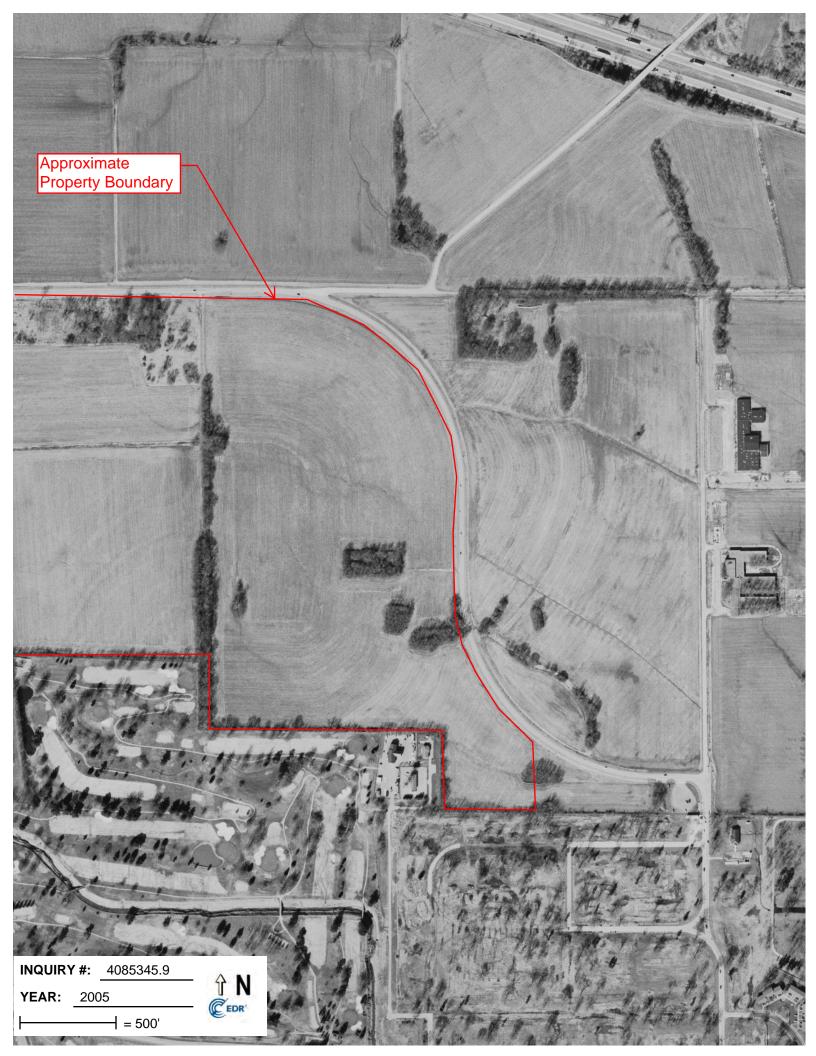


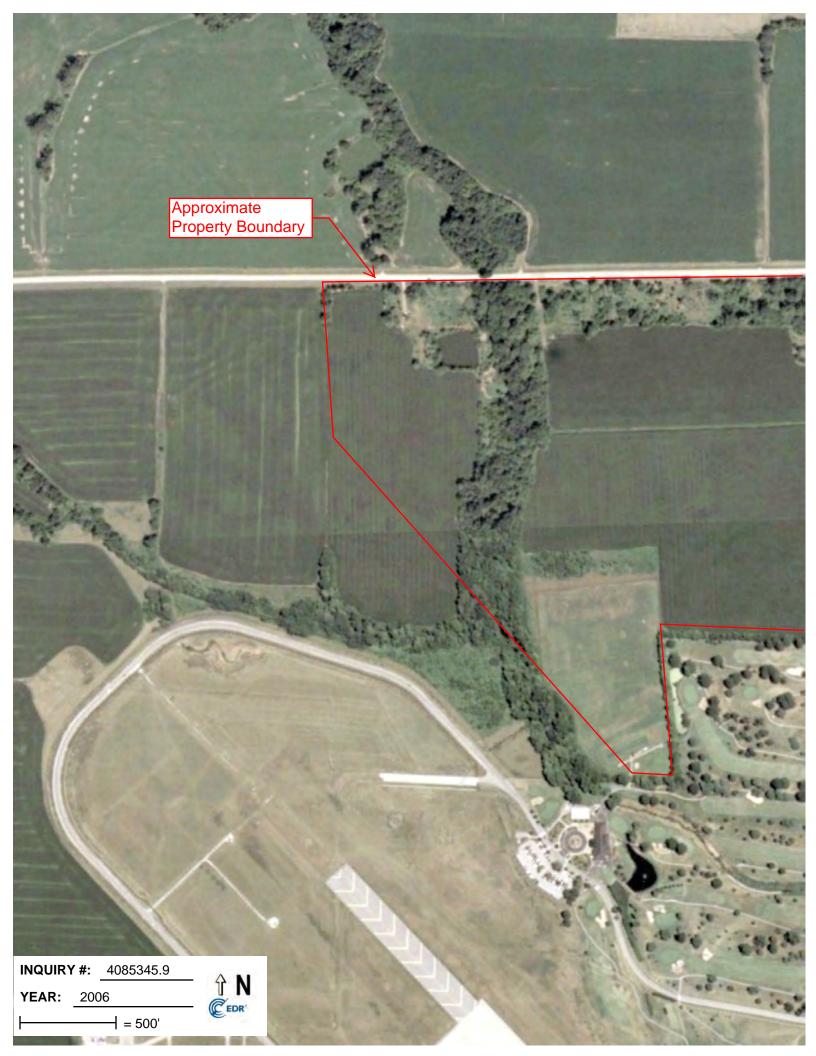


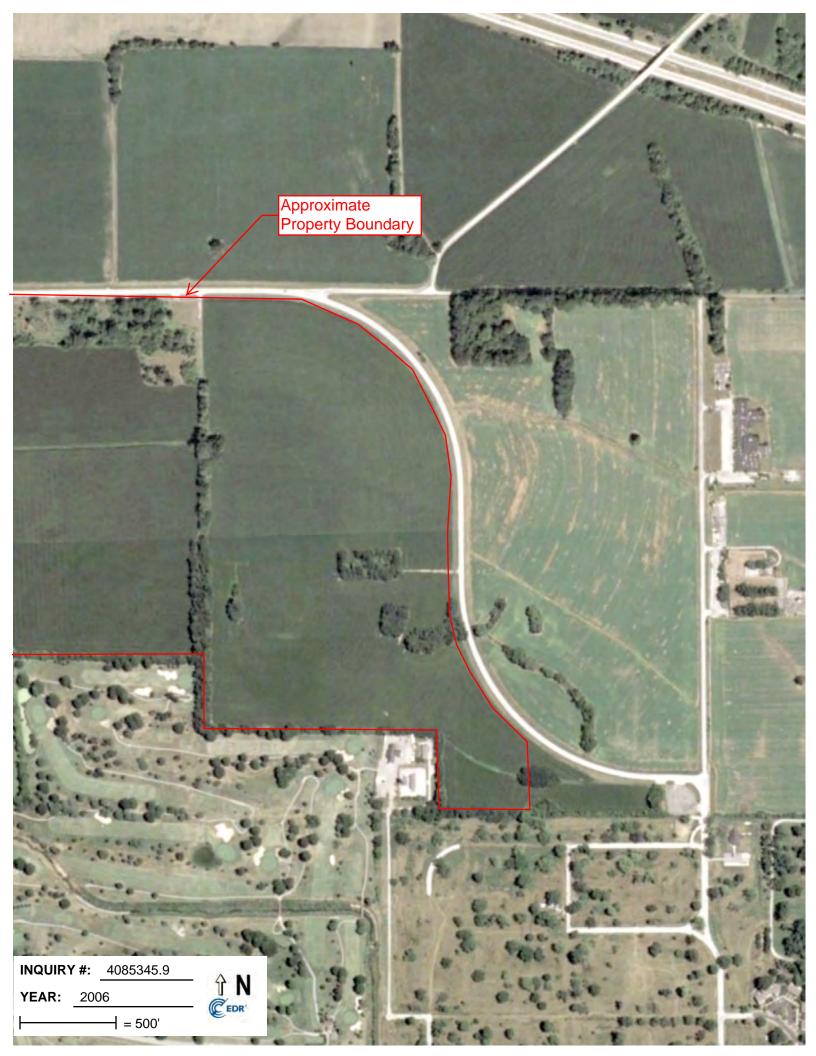










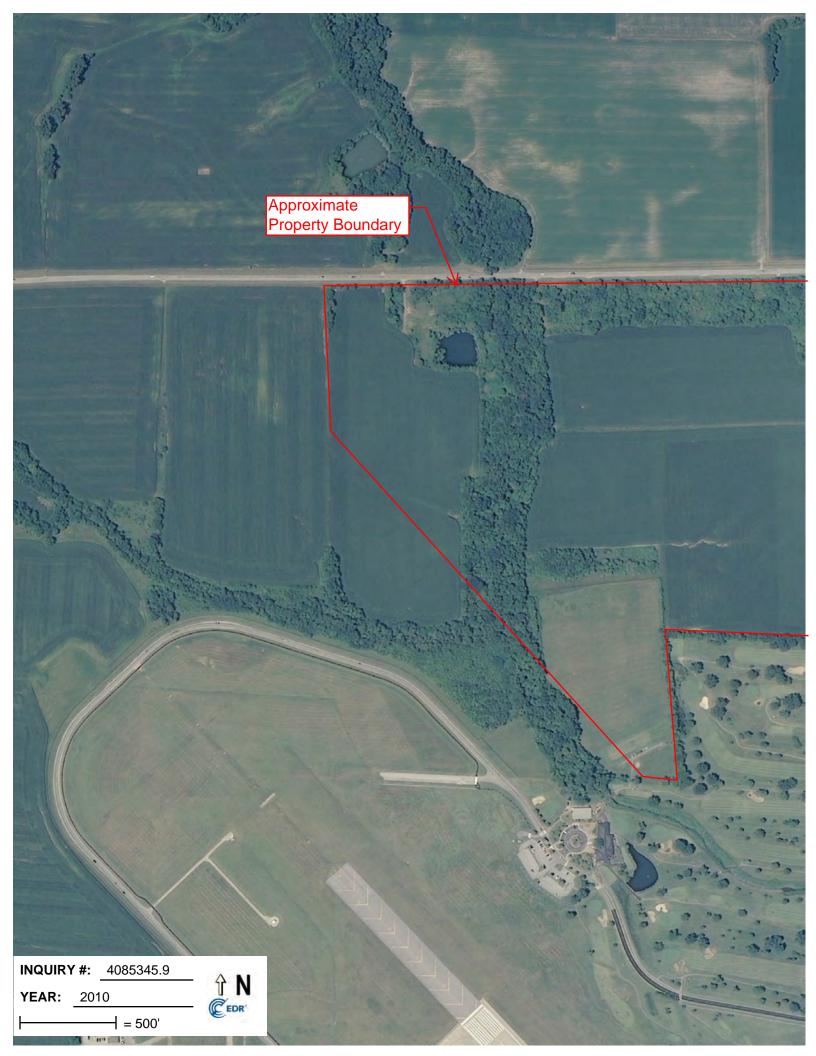




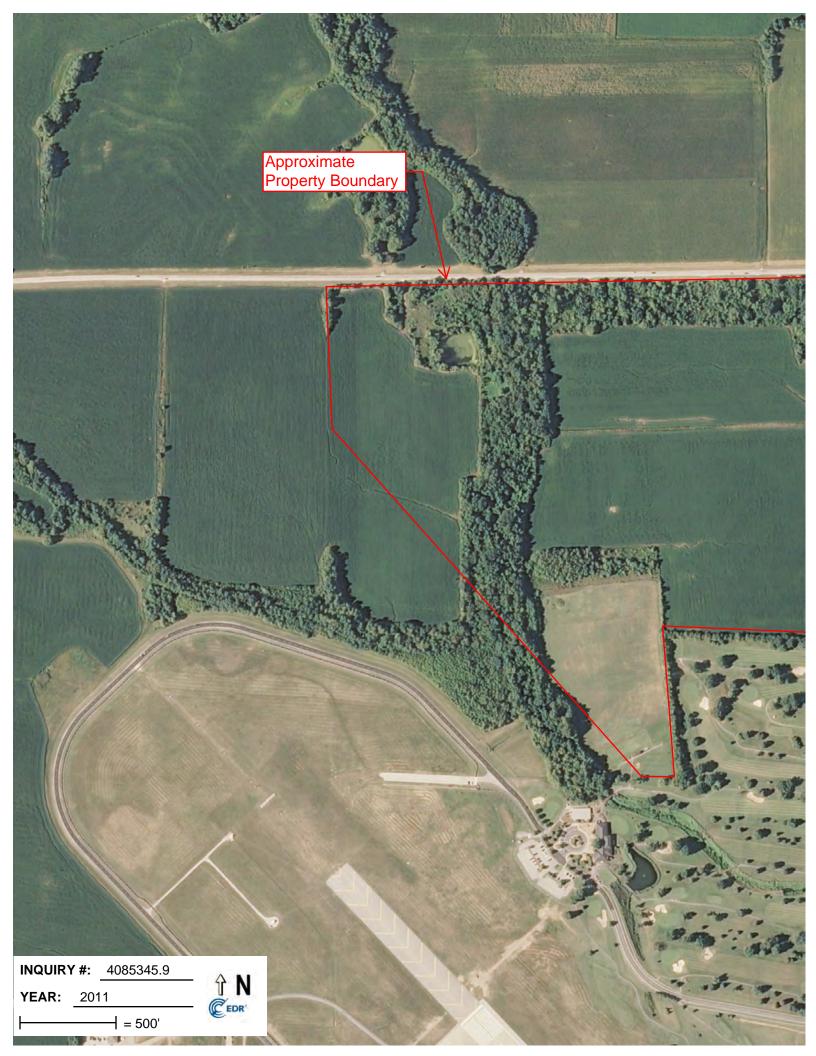


















Scott Air Force Base - NGA

Cherry Grove School Road Scott Air Force Base, IL 62225

Inquiry Number: 4085345.5 September 29, 2014

The EDR-City Directory Image Report



TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING. WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2013			Cole Information Services
2008			Cole Information Services
2003			Cole Information Services
1999			Cole Information Services
1995			Cole Information Services
1990			Haines Criss-Cross Directory
1985			Haines Criss-Cross Directory
1980			Haines Criss-Cross Directory
1975			Haines Criss-Cross Directory
1970			Haines Criss-Cross Directory

RECORD SOURCES

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

FINDINGS

TARGET PROPERTY STREET

Cherry Grove School Road Scott Air Force Base, IL 62225

Year CD Image Source

CHERRY GROVE SCHOOL RD

2013	-	Cole Information Services	Street not listed in Source
2008	-	Cole Information Services	Street not listed in Source
2003	-	Cole Information Services	Street not listed in Source
1999	-	Cole Information Services	Street not listed in Source
1995	-	Cole Information Services	Street not listed in Source
1990	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Haines Criss-Cross Directory	Street not listed in Source

4085345-5 Page 2

FINDINGS

CROSS STREETS

No Cross Streets Identified

4085345-5 Page 3

Scott Air Force Base - NGA

Cherry Grove School Road Scott Air Force Base, IL 62225

Inquiry Number: 4085345.3

September 26, 2014

Certified Sanborn® Map Report



Certified Sanborn® Map Report

9/26/14

Site Name: Client Name: Scott Air Force Base - NGA CH2M Hill. Inc.

Cherry Grove School Road 6600 Peachtree Dunwoody Rd

Scott Air Force Base, IL 62225 Atlanta, GA 30328

EDR Inquiry # 4085345.3 Contact: Jesse A. Brown



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by CH2M Hill, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Scott Air Force Base - NGA
Address: Cherry Grove School Road
City, State, Zip: Scott Air Force Base, IL 62225

Cross Street:

P.O. # NA

Project: 650193.01.06.02.05 **Certification #** 98C6-4057-AA6F

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results Certification # 98C6-4057-AA6F

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

✓ Library of Congress

University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

CH2M Hill, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

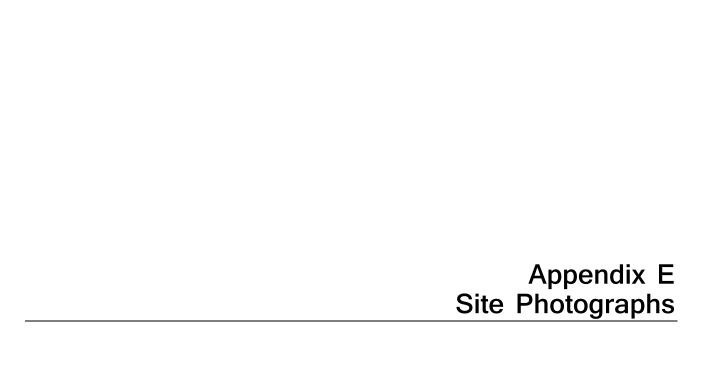




FIGURE 1
Photograph Location Map
NGA Phase I Environmental Site Assessment
St. Clair County, Illinois



Photo 1: Property boundary along Wherry Road, facing west.



Photo 2: Agricultural field on western portion of Property, facing south.



Photo 3: Property boundary along Wherry Road, facing east.



Photo 4: Unpaved access road off Wherry Road, facing south.



Photo 5: General site photo, facing southwest.



Photo 6: General site photo along forested edge



Photo 7: Pond, facing northwest



Photo 8: Pond, facing northeast



Photo 9: Debris pile, mattress.



Photo 10: Debris pile, metal waste.



Photo 11: Debris pile, metal and wood.



Photo 12: Debris pile, tire and wood.



Photo 13: PVC pipe protruding from below surface.



Photo 14: Drainage ditch, containing orange clay pipe sections.



Photo 15: Golf course driving range, facing southwest.



Photo 16: Agricultural field on eastern portion of Property, facing north.



Photo 17: General site photo, eastern Property boundary, facing north.

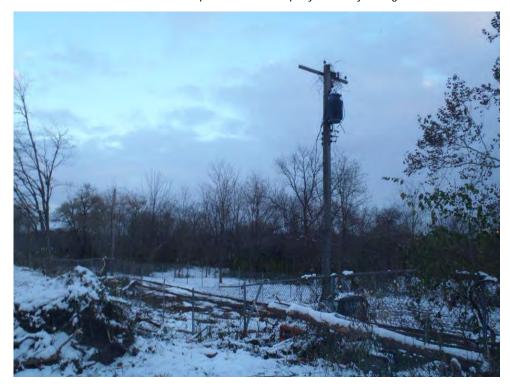


Photo 18: Pole mounted transformer outside of southern Property boundary.



Photo 19: Cut timber piles along southern Property boundary.



Photo 20: 1,500-gallon aboveground storage tank observed just outside the southeastern corner of the Property.



Photo 21: Aboveground storage tank label.

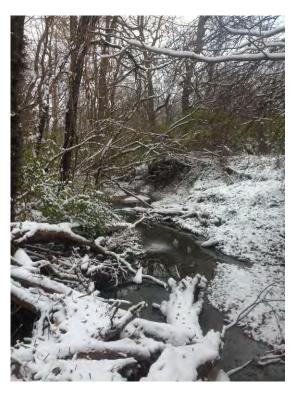


Photo 22: Creek, bisecting Property from north to south, facing south.



Photo 23: Concrete culvert for creek underneath Wherry Road, facing north.



Photo 24: Debris pile, wood and metal chassis.



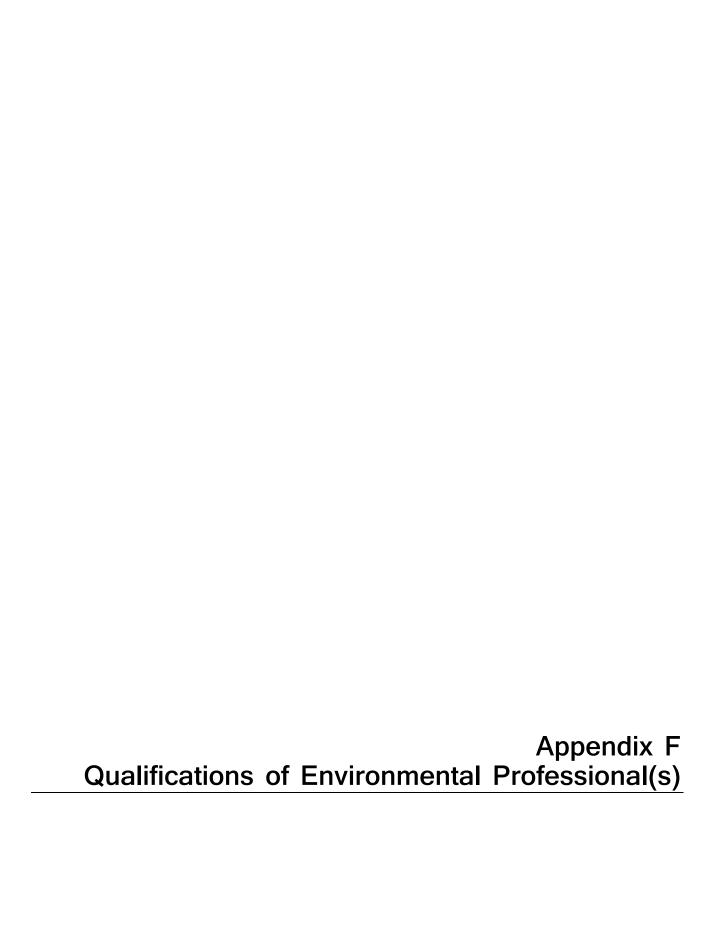
Photo 25: Trailer-mounted aboveground storage tank observed in the wooded area along the creek tributary just beyond the Property's southwestern boundary.



Photo 26: Debris, tractor tire.



Photo 27: Debris pile, tractor tire and metal.



Michael Brose

Environmental Scientist

Mr. Brose is a project manager and an environmental scientist in CH2M HILL's Atlanta, Georgia office. He has 18 years of experience with remediation projects and performing Phase I and Phase II environmental site assessments (ESAs), environmental baseline surveys (EBSs), and environmental condition of property (ECP) reports.

Representative Projects

Lead Environmental Scientist; ECP; USACE Mobile on Behalf of the Marine Corps Support Facility (MCSF) Blount Island; September 2012 to December 2012. Completed 188 ECP checklist reports for all the facilities located at MCSF Blount Island.

Project Manager and Lead Environmental Scientist; Environmental Baseline Survey; Air National Guard; Harrisburg, Pennsylvania; October 2011 to May 2012. Prepared an EBS for the acquisition by ANG of three land parcels adjacent to Harrisburg International Airport.

Project Manager and Lead Environmental Scientist; ECP and Record of Environmental Consideration (REC); USACE Mobile on behalf of the Defense Logistics Agency (DLA); Multiple Buildings at Various Navy Installations; June 2010 to September 2011. The sites include 14 installations within the continental U.S. and 3 overseas (Okinawa, Japan; Rota, Spain; and Naples, Italy). Managed a team of environmental professionals. Managed a multi-disciplinary team of technologists that addressed key resource areas for preparing RECs. Responsible for technical guidance and senior review of deliverables, as well assuring that the project stayed within schedule and budget.

Lead Environmental Scientist; ECP; USACE Mobile on behalf of the Department of the Navy (DON); August 2011 to October 2011. Prepared two ECPs at the MCSF Blount Island using the DON's new ECP checklist. One parcel was being transferred to the Jacksonville Port Authority (JPA) and one parcel was being acquired from JPA. This was a quick turnaround project that was completed under budget and within the shortened schedule.

Lead Environmental Scientist and Task Manager; EBS; USACE Mobile on Behalf of Eglin Air Force Base; Fort Walton, Florida; October 2010 to March 2011.

Managed a team that prepared two EBSs for proposed

Education

- B.S., Chemistry, Wayne State University, Detroit, Michigan, 1992
- Post-Bachelors Certificate, Hazardous Material Management, Wayne State University, Detroit, Michigan, 1993

Distinguishing Qualifications

- 12 years of experience as a project manager.
- 18 years of experience with remediation projects.
- Qualified under 40 CFR §312.10(b) to perform Phase I ESAs as an Environmental Professional.
- Performed over 70 Phase I ESA reports for federal and commercial clients

wastewater treatment pipelines. The scope included oversight of the visual site inspection, technical guidance and review of the deliverables, and signatory of the final deliverable as the qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs, as well assuring that project stayed within schedule and budget.

Project Manager and Lead Environmental Scientist; ECP; USACE Mobile on Behalf of the DLA; Portsmouth Naval Shipyard, Kittery Maine; March 2010. Managed a team that prepared an ECP on six buildings to be transferred to the DLA from the Navy. Work included oversight of the visual site inspection, technical guidance and review of the deliverables, and signatory of the final deliverable as a qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs, as well assuring that project stayed within schedule and budget.

Project Manager; ECP; USACE Mobile on Behalf of the DLA; Pearl Harbor, Hawaii; March 2010. Managed a team that prepared an ECP for seven buildings to be transferred to the DLA from the Navy. Responsibilities included oversight of the visual site inspection, technical guidance and review of the deliverables, and signatory of the final deliverable as a qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist and Task Manager; EBS; Anniston Army Depot; Anniston, Alabama; June 2009. Supervised the preparation of an EBS for property to be purchased from a railroad adjacent to the Depot. This included oversight of the visual site inspection, technical guidance and review of the

1

deliverables, and signatory of the final deliverable as a qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs, as well assuring that project stayed within schedule and budget. A Phase II effort followed, which included collecting soil samples along the property.

Project Manager; ECP; USACE Mobile on Behalf of the DLA; Various Locations; February 2009 to September 2009. Managed the preparation of four ECPs for the transfer of warehouses at naval installations (Marine Corps Logistics Base, Albany, Georgia; Norfolk Navy Shipyard, Portsmouth, Virginia; Naval Station Kitsap, Bremerton, Washington; and Marine Corps Logistics Base, Barstow, California) in which the DLA was taking management responsibility. Managed a team of qualified environmental professionals. Responsible for technical guidance and senior review of deliverables, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist and Task Manager; ECP; USACE Mobile; Homestead, Florida; January 2009 to July 2009. Managed the development of an ECP for the construction of a U.S. Army Special Operations Command South (SOCSOUTH) Headquarters facility. SOCSOUTH recently relocated its headquarters to a temporary facility on Homestead Air Reserve Base (HARB), Florida. Managed a team of qualified environmental professionals. Responsible for technical guidance and senior review of deliverables, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist and Task Manager; EBS; AFCEE; Various Locations; 2008 to 2009. Managed the preparation of four environmental baseline studies for U.S. Air Force Bases in South Carolina, Tennessee, and Mississippi (Shaw, Arnold, Charleston, and Keesler). Managed a team of qualified environmental professionals. Responsible for technical guidance and senior review of deliverables, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist; EBS; Arnold Air Force Base, Tennessee; 2008. Prepared an EBS for the Morris Ferry Boat Dock at Arnold Air Force Base. Was the signatory of the final deliverable as a qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs.

Lead Environmental Scientist and Task Manager; Phase I ESA, NEPA Documentation, and Environmental Studies Support; USACE Mobile **District on Behalf of U.S. Customs and Border Protection; June 2007 to December 2008.** Managed the preparation of 14 ESAs on property to be used for the expansion of Border Patrol stations along the southern U.S. border. Managed a team of qualified environmental professionals. Responsible for technical guidance and senior review of deliverables, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist; EBS; U.S. Air Force; Forward Operating Location, Manta, Ecuador; 2007. Conducted an EBS at the U.S. Air Force forward operating (FOL) location in Manta, Ecuador. The scope included the entire U.S. portion of the air base.

Lead Environmental Scientist; EBS; Forward Operating Location, Curacao, Netherland Antilles; 2007. Conducted an EBS at the U.S. Air Force FOL in Manta, Ecuador. The scope included the entire U.S. portion of the air base.

Lead Environmental Scientist; Phase I ESA; Confidential Client; 2007. Conducted a Phase I ESA for the sale of a chemical plant in Atlanta, Georgia.

Lead Environmental Scientist; Phase I ESA; MARTA; 2006 to 2007 Assessed five separate properties for proposed acquisition in accordance with all appropriate inquiries (AAI) guidelines in Atlanta, Georgia.

Lead Environmental Scientist; Phase I ESA; FPL Energy; 2005. Prepared a Phase I ESA for 36 square miles of property with over 100 property owners for a placement of wind turbines near Abilene, Texas.

David Stieb, P.E.

Civil Engineer

Mr. Stieb, an Engineer in CH2M HILL's Southeast Region, has 28 years experience with the firm and 2 years previous experience with other firms. Mr. Stieb specializes in water and wastewater conveyance systems, environmental evaluation of property for transfer, and site remediation. He has acted as Project Manager and Senior design Engineer for Hazardous Waste Site Remediation System Design, Utility System evaluations, and environmental Assessment of Property for transfer.

Representative Projects

Senior Engineer; ASTM Phase I Evaluations for the Transfer of Various Facilities from the Navy to the Defense Logistic Agency; Navy; Multiple Locations.

Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables for CONUS locations. Project included three OCONUS locations. Responsibilities for OCONUS locations included performing the Phase I assessments and report preparation. The OCUNUS locations included Naval Air Station, Naples Italy; Naval Air Station, Rota, Spain, Kadena AFB, Okinawa, Japan.

Lead Engineer; ASTM Phase I Evaluations for the Disposal of Building 561 and the Light Training Area; Former Ramey AFB; Aguidilla, Peurto Rico.

Responsibilities included establishing project team goals, objectives, and evaluation criteria.
Responsibilities also included performing the Phase I assessments and report preparation.

Lead Engineer; Environmental Assessment for Master Plan Study for the C-17 Beddown; U.S. Army Corps of Engineer, Alaska District; New Delhi, India.

Responsibilities included performing the environmental assessment, including interviews with local property owners and Government Officials in India and report preparation. Also directed one subcontractor to assit with interviews and records searches of India environmental databases.

Education

- B.S., Agricultural Engineering, 1990
- M.S., Agricultural Engineering, 1983

Distinguishing Qualifications

- 28 years of experience.
- Specializes in site remediation and environmental evaluation of property.
- Has extensive experience with Hazardous Waste Site Remediation System Design

Lead Engineer; Environmental Assessment for Master Plan Study; U.S. State Department; Haiti.

Responsibilities included establishing project team goals, objectives, and evaluation criteria.
Responsibilities also included performing the environmental assessment and report preparation.

Task Manager/Lead Engineer; Phase II, Phase III, and Phase IV Environmental Baseline Surveys (EBS) and Findings of Suitability to Transfer (FOST); 1,500-acre former Naval Complex, Charleston, SC. Previous property uses included residential, commercial, warehouse, heavy industrial, nuclear submarine maintenance, and ammunition storage. Mr. Stieb has directed a staff of eight personnel in performing ASTM Phase I environmental assessments as well as portions of deed transfer documents. Mr. Stieb's duties included providing assistance to Navy legal staff on transfer issues associated with the environmental condition of the property in addition to the assessments and FOST documents. CH2M HILL developed a style for reporting the findings that is assisting the Navy in transferring the property in parcels while meeting the ASTM, DoD Base Realignment and Closure, and regulatory requirements.

Project Manager/Assistant Project Manager;
Performing ASTM Phase I to Lease Kelly AFB Property
being Privatized; U.S. Air Force; Kelly AFB. Mr. Stieb
has directed a staff of upto 6 personnel in performing
ASTM Phase I environmental assessments for leasing
approximately 2,000 acres of the former Kelly AFB.
Previous property uses included residential,
commercial, warehouse areas, and heavy industrial.
CH2M HILL developed a style for reporting the findings
that is assisting the Air Force in transferring the
property in parcels while meeting the ASTM, DoD Base
Realignment and Closure, and regulatory
requirements.

1

Task Manager; ASTM Phase I Evaluations of the Airfield; U.S. Air Force; Arnold AFB. Work at Arnold included documenting environmental condition of the area around the closed airstrip at Arnold Air Force Base, Tullahoma, Tennesse. The airfield was being reopened and new construction of hangers was proposed for a joint use, civilian and military, facility. Mr. Stieb directed the staff performing the work and performed senior review.

Task Manager; ASTM Phase I Evaluations of Utilities; Fort Hood, TX Work at Fort Hood was to support utilities privatization study to evaluate selling utility infrastructure. Mr. Stieb directed the staff performing the work and performed senior review.

Assistant Project Manager/Senior Engineer; ASTM Phase II Effort to Support Transfer of Property from the U. S. Air Force to the City of San Antonio; San Antonio, TX. Responsibilities included identification of historic property use, directing field investigations to assess the environmental condition of identified facilities on a 4,000 acre complex, preparation of reports, negotiations with regulators, and support to Air Force legal staff on transfer issues associated with the environmental condition of the property.

Senior Engineer; ASTM Phase I Evaluations; Various Air National Guard Installations, Multiple Locations Across the U. S. Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations; U.S. Custom and Border Patrol; Multiple Locations along the Southern U.S. Border. Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations; Military Family Housing Privatization; U.S. Air Force's Southern Command Bases. Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations of Former Army Maintenance Depot; Baton Rouge, LA.
Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the

Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations for the Military Family Housing Privatization; Fort Belvoir, VA. Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations; Hawian Air National Guard; Hickham Air Force Base, HI.
Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations; AFCEE; HI. Installations where Phase I work was performed include: Wheeler Army Airfield, Bellows AFS, Kwajalein Atoll, Palehua Air Force Solar Observatory Unit, and Building 2116 at Hickham AFB. Responsibilities included establishing project team goals, objectives, evaluation criteria, and preparing the Finding of Suitability for Transfer documents. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations; 611th Air Force Wing; AFCEE; AK. Installations where Phase I work was performed include: Barter Island LRRS, Campion AFS, Cold Bay LRRS, and Kotzebue LRRS. Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations; 63 U.S. Army Reserve Facilities; BRAC. The work was performed under contract with the U.S. Army Corps of Engineers, Louisville District. Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.

Senior Engineer; ASTM Phase I Evaluations; Kansas Air National Guard; McConnell Air Force Base, KS. Responsibilities included establishing project team goals, objectives, and evaluation criteria. Also was the Quality Assurance/Quality Control Engineer (performed senior review) of project deliverables.